ANYWAVE

ATSC VHF III 500W PA

User Manual

Version 1.1 – July 2, 2019

Copyright Notice

FCC Compliance

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense

The antenna(s) used for this transmitter must be fixed-mounted on the outdoor permanent structures. RF exposure compliance is addressed at the time of licensing, as required by the responsible FCC Bureau(s), including antenna co-location requirements of §1.1307(b)(3).

Changes or modifications not expressly approved by Anywave Communication Technologies, Inc. could void the user's authority to operate the equipment.

Disclaimer

Information provided by Anywave Communication Technologies is believed to be accurate and complete; however, no liability can be assumed for its use.

The manufacturer makes no representations or warranties, either expressed or implied, by or with respect to anything in this manual, and shall not be liable for any implied warranties of fitness for a particular purpose or for any indirect, special, or consequential damages. Information in this document is subject to change without notice and does not represent a commitment on the part of the manufacturer.

USE OF THIS PRODUCT IN A MANNER OTHER THAN DESCRIBED IN THIS MANUAL MAY RESULT IN DAMAGE TO THE EQUIPMENT AND/OR PERSONAL INJURY.

PLEASE READ THIS MANUAL IN ITS ENTIRETY BEFORE ATTEMPTING TO INSTALL THE EQUIPMENT. CONTACT ANYWAVE WITH ANY QUESTIONS OR CONCERNS YOU MAY HAVE.

Unpacking

Carefully unpack the equipment and perform a visual inspection to determine if any apparent damage has occurred during shipment. Please notify the delivery carrier and Anywave immediately if shipment damage has occurred. Retain all original shipping materials.

Please locate and reference the Packing Check List to verify you have received all components of your system. Retain the Packing Check List for future reference.

Also, please identify and remove all packing materials and supports (foam pads, etc.) prior to initial turn on of the equipment.

Returns and Exchanges

Written approval and a Return Authorization Number (RAN) are required from Anywave for all equipment returns. Please direct all return inquiries to the Anywave Service Department at support_us@anywavecom.com, providing the Sales Order number and Serial Number(s) of the equipment. Complete details regarding the nature and circumstances of your return must be included in your RAN request. Proper handling and return shipping instructions will be provided with an approved RAN number.

Technical Support

Technical support and troubleshooting assistance for Anywave Transmitters is available through the Anywave Service Department during normal business hours (8:00 AM - 5:00 PM CST) at (847) 415-2258. Email questions to support_us@anywavecom.com.

Note: For all service and support requests, you will need to provide the Serial Number of the equipment with your Sales Order number. For future reference, please record that information here: _____

Anywave Communication Technologies Inc.
300 Knightsbridge Parkway, Suite 150, Lincolnshire, IL 60069
Tel: (847) 415-2258
Fax: (847) 415-2112
http://www.anywavecom.net

WARNING

THE VOLTAGES, CURRENTS, AND RF ENERGY IN THIS EQUIPMENT ARE DANGEROUS. PERSONNEL MUST AT ALL TIMES OBSERVE ALL SAFETY WARNINGS, INSTRUCTIONS, AND REGULATIONS.

IN THE CASE OF EMERGENCY, ENSURE THAT ALL POWER HAS BEEN DISCONNECTED.

ALWAYS DISCONNECT POWER BEFORE REMOVING COVERS, ENCLOSURES, OR SHIELDS. DO NOT PERFROM SERVICE ON THE EQUIPMENT WHEN ALONE OR FATIGUED. KNOW YOUR EQUIPMENT AND DO NOT TAKE RISKS.

This manual is provided as a general guide for trained and qualified personnel well aware of the dangers inherent in handling potentially hazardous electrical transmission equipment.

The installation, operation, maintenance and service of this equipment involves risks both to personnel and equipment and must ONLY be performed by qualified personnel exercising due care. Anywave Communication Technologies, Inc. shall not be responsible for injury or damage resulting from improper handling or from the use of improperly trained or inexperienced personnel performing such tasks.

All local building and electrical codes as well as fire protection standards must be observed in the installation and operation of the equipment.

Contents

1 Product Appearance

1.1 Front Panel

- LAN
  - Connector:10M/100M Ethernet
  - Note:Ethernet port for web-based remote control (ipaddress: 192.168.1.210, username/password: anywavecom/anywavecom)
- LED_PWR
  - Green light will be on when the DC voltage of internal power supply is within the normal range (48 VDC ~ 52 VDC).
  - Green light will flash when the DC voltage of internal power supply is out of the normal range (48 VDC ~ 52 VDC).
  - Green light will be off when the external power supply is turned off, or internal power supply module does not work.
- LED_RS485
  - Green light will flash once per second when the internal communication is normal.
  - Green light will stay constantly on or off when the internal communication is abnormal.
- LED_FWD
  - Blue light will be on when RF_OUT has power output.
  - Blue light will be off when the RF button is turned off, or the PA enters the auto-protection mode and therefore shuts down its RF output. There are several situations which will result in auto-protection mode, such as the input power is too high, the reflected power is too high, or the temperature is too high.

- LED_ALARM
  - Red light will be off if there is no alarm.
  - Red light will be on if there is any alarm.
- RESET: reserved.

Note:

1) The front fan covers can be removed to clean the air intake path. No screw driver is needed, and no disassembly of the PA is required.
2) When a warning occurs and the PA enters auto-protection mode, the only way to clear this state is to cycle power on the PA module once the problem(s) is resolved. Otherwise all warning LEDs will remain on even if the problem(s) no longer exists.

1.2 Back Panel

- RF IN
  - Connector: N
  - Impedance: 50 Ω
  - Note: If input power from RF_IN is lower than rated input value, the output power will be lower than rated output power accordingly. This is because the PA has a fixed gain. If the input level from RF_IN is higher than the rated value, it will result in RF output distortion and performance deterioration. If the input level is more than 1 dB higher than the rated value or the output power is higher than preset FWD threshold, it may trigger the current-limiting function. The PA will enter the auto-protection mode, and there will be reduced RF output or even no RF output.
- RF_OUT
  - Connector: 7/16 DIN
  - Impedance: 50 Ω
  - Note: RF_OUT must be connected with a load, otherwise the PA will enter the auto-protection mode and there will be in no RF output.
- RS485
  - Connector: DB9-M
  - Note: Connected to REMOTE (PRS-485-1) port of Controller, which is used for control and communication between the Controller and the PA.
- AC INPUT: 176~300VAC, 47~63Hz, 16A/220VAC (single-phase, 3-wire – L1, L2, GND)
- AC Power Breaker: ON/OFF

2 Specifications

- Environment
  - Operation Temperature: -10 ºC ~ +60 ºC (+14 ºF ~ +140 ºF)
  - Operation Humidity: 20 % ~ 90 % (non-condensing)
  - Atmospheric Pressure: 86 kPa ~ 106 kPa
- Power Supply
  - Voltage: 176 ~ 300 VAC (full load)
  - Frequency: 47 ~ 63 Hz
- RF Performance
  - Frequency: 54 MHz ~ 88 MHz
  - VSWR: ≤ 1.5
  - Shoulder Level: ≥ 36dBc (with pre-correction ON)
  - Size: 480mm(W)*222mm(H)*423mm(L)

Note

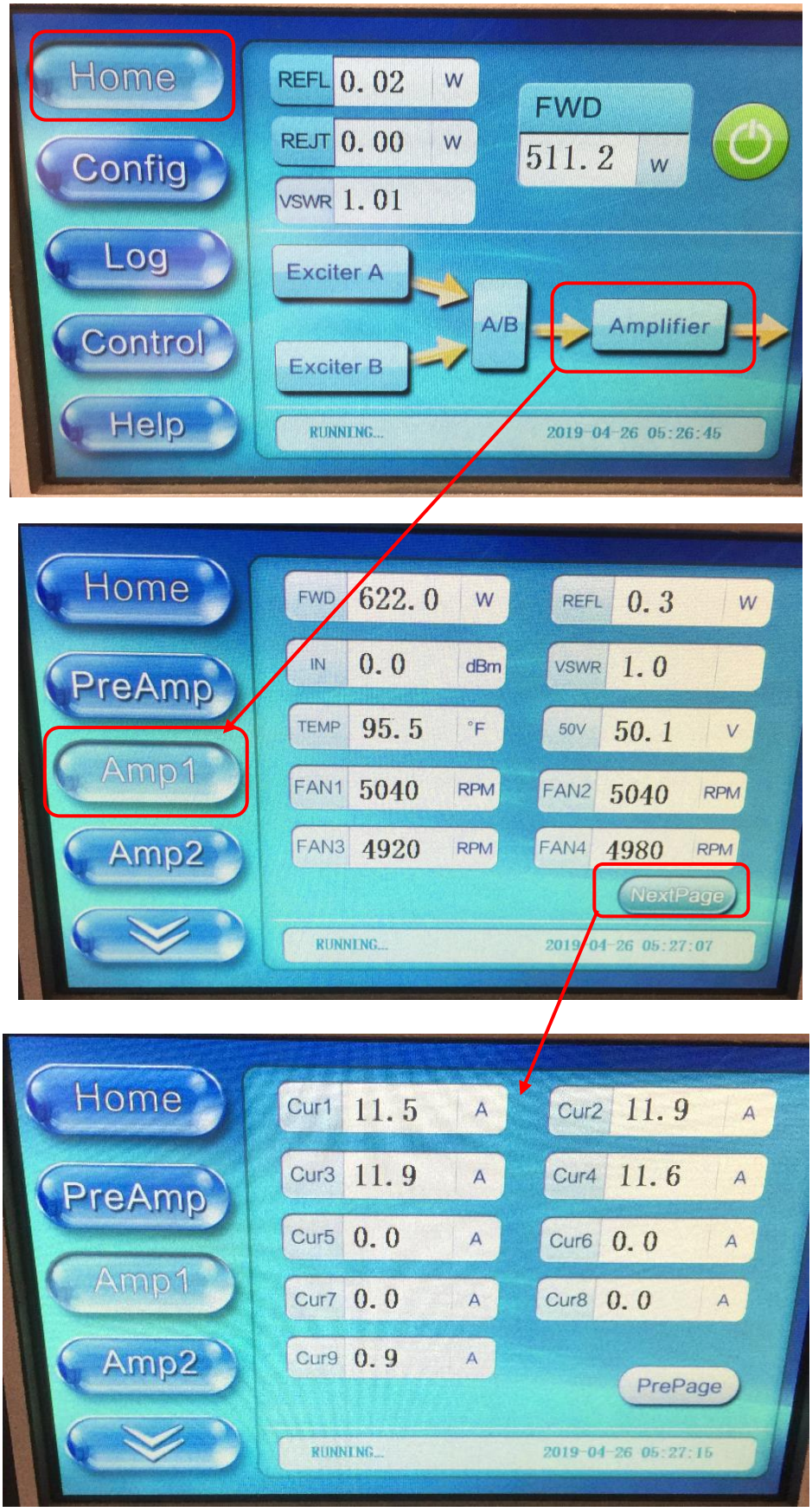
1) The electrical interface characteristics are measured at rated power. Values may change.
2) Operating in abnormal conditions may result in damage to the equipment. Long operating hours in severe environments may reduce the reliability of the entire system, which may cause permanent damage to equipment. Make sure all electrical interface characteristics and environmental parameters are within the defined range listed above before operating this equipment.

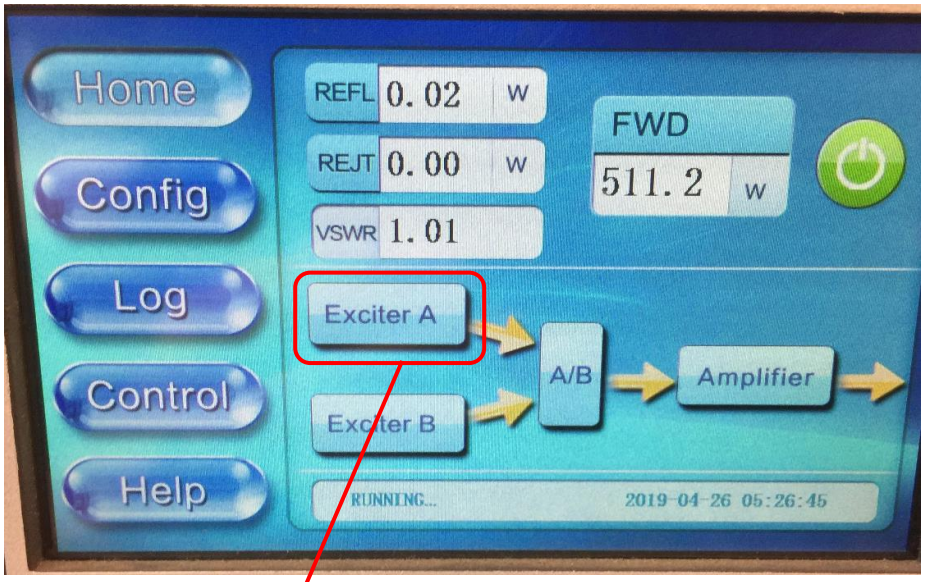
3 Control Interface

3.1 Local (Controller) Interface

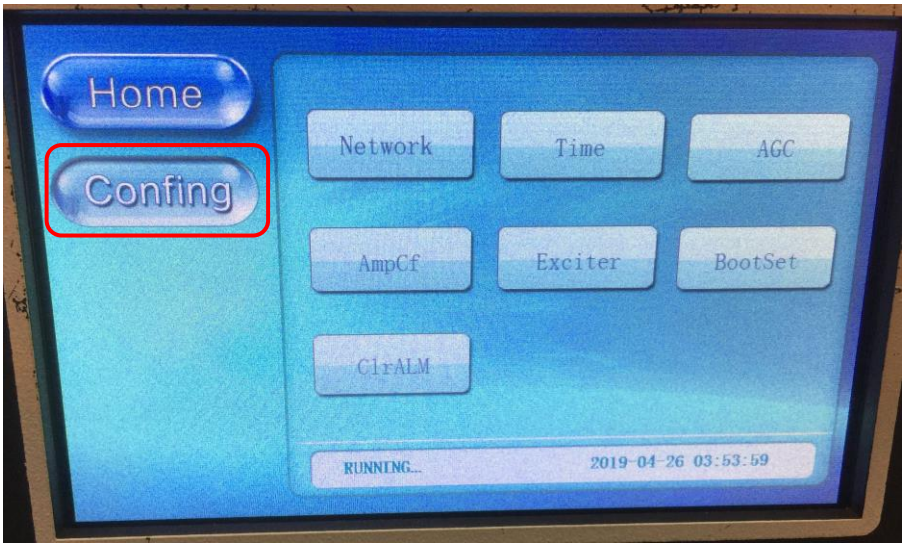
Local control and monitoring of the PA unit can be accomplished via the Controller touch panel interface. Use a standard serial cable to connect the PA DB9 RS485 port to the Controller PRS-485-1 RS485 port (please reference the 500W VI TX QSG for the system interconnect diagram and details). With this connection established, the PA information will be displayed on the Controller touch screen and web interface, as shown below:

Note: The displayed settings and numbers contained in the screens below are for illustration purposes only and may be different from those in actual use.

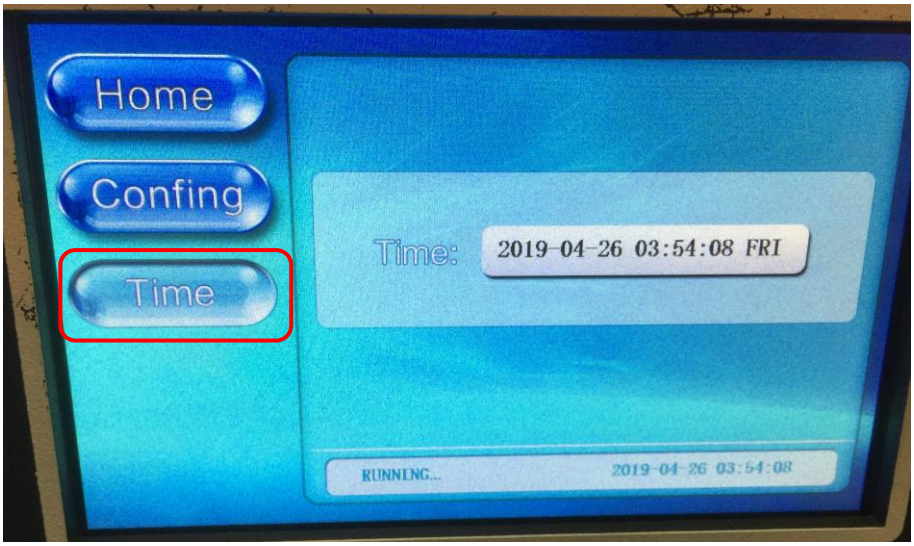

Home
Config
Log
Control
Help
REFL 0.02 W
REJT 0.00 W
VSWR 1.01
FWD
511.2 W
Exciter A
Exciter B
A/B
Amplifier
RUNNING...
2019-04-26 05:26:45
Home
PreAmp
Amp1
Amp2
FWD 622.0 W
REFL 0.3 W
IN 0.0 dBm
VSWR 1.0
TEMP 95.5 °F
50V 50.1 V
FAN1 5040 RPM
FAN2 5040 RPM
FAN3 4920 RPM
FAN4 4980 RPM
NextPage
RUNNING...
2019-04-26 05:27:07
Home
PreAmp
Amp1
Amp2
Cur1 11.5 A
Cur2 11.9 A
Cur3 11.9 A
Cur4 11.6 A
Cur5 0.0 A
Cur6 0.0 A
Cur7 0.0 A
Cur8 0.0 A
Cur9 0.9 A
PrePage
RUNNING...
2019-04-26 05:27:15


Home
Config
Log
Control
Help
REFL 0.02 W
REJT 0.00 W
VSWR 1.01
FWD
511.2 W
Exciter A
Exciter B
A/B
Amplifier
RUNNING...
2019-04-26 05:26:45

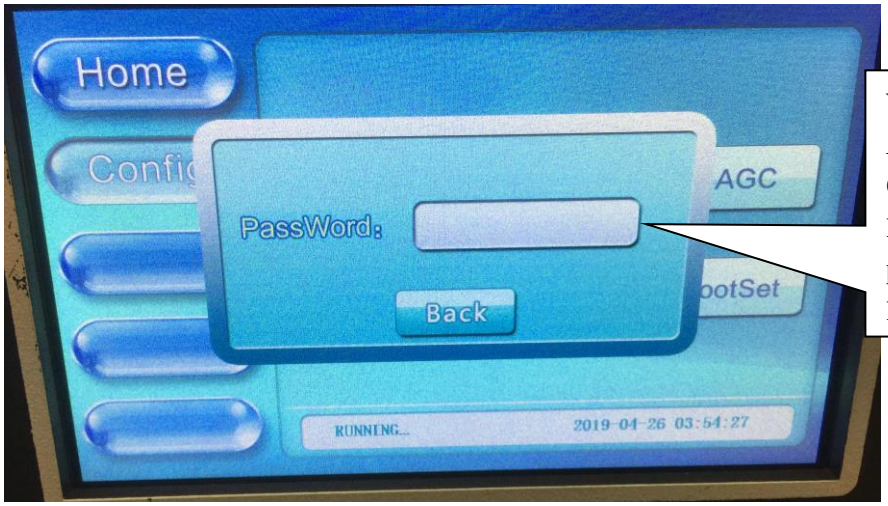

Home
Exciter A
Freq:
79.0 MHz
SNR:
34.5 dB
LIMD:
50.5 dB
UIMD:
52.0 dB
RUNNING...
2019-04-26 05:27:24


Home
Confing
Network
Time
AGC
AmpCf
Exciter
BootSet
ClrALM
RUNNING...
2019-04-26 03:53:59

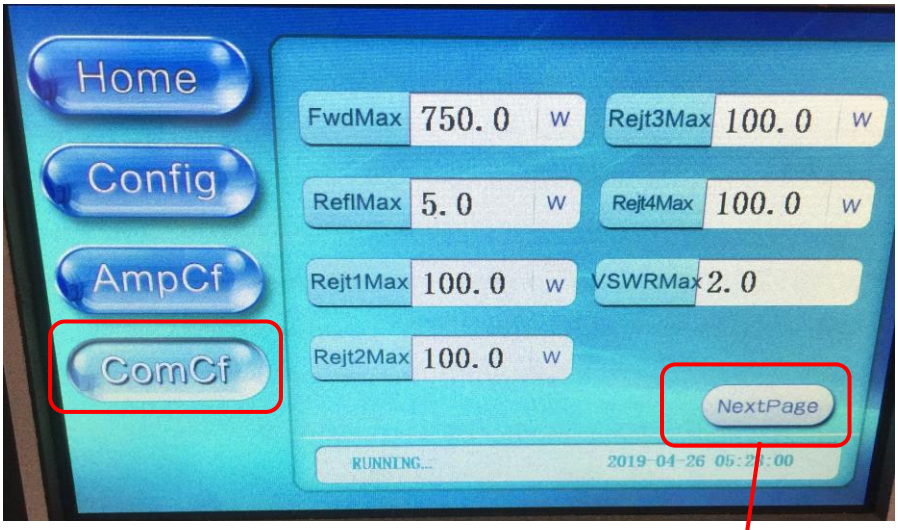

Home
Config
NetWork
IP
192. 168. 001. 210
Mask
255. 255. 255. 000
GW
192. 168. 001. 001
RUNNING...
2019-04-26 03:54:03

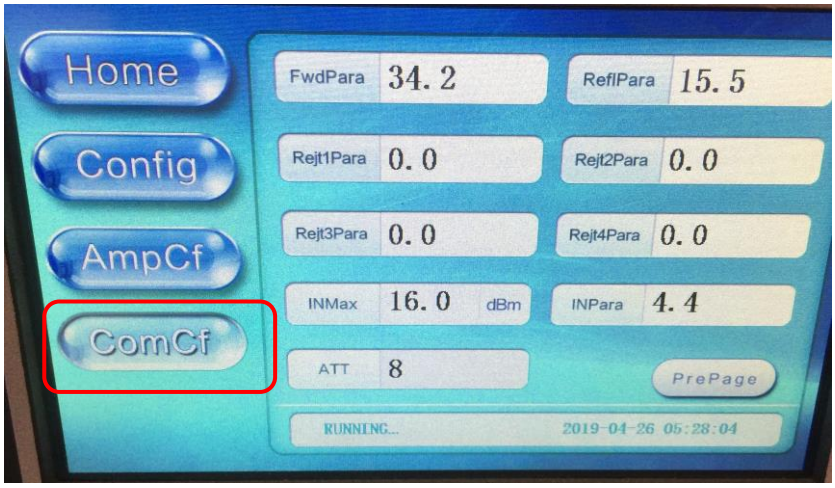

Home
Confing
Time
Time:
2019-04-26 03:54:08 FRI
RUNNING...
2019-04-26 03:54:08

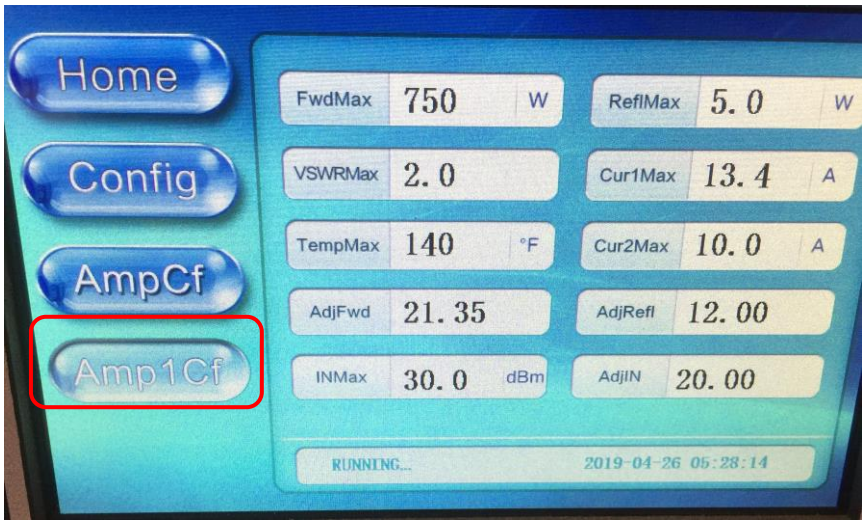

Home
Confing
AGC
Rated Power:
700
W
AGC
RUNNING...
2019-04-26 03:54:14

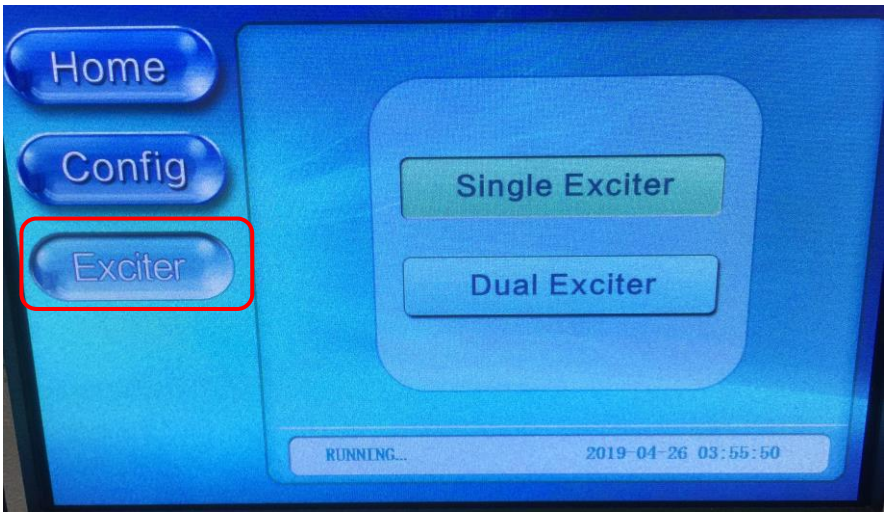


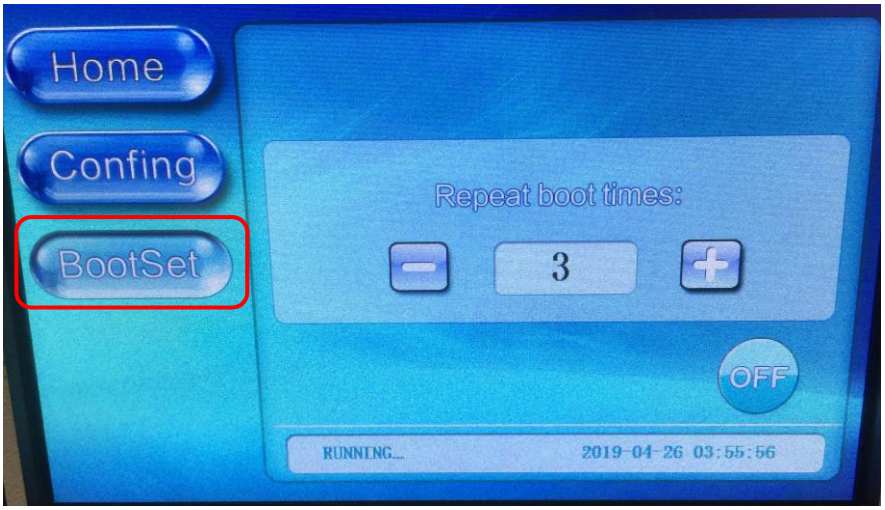
When press the AmpCf (Amplifier Configuration) Button, you will be prompted to enter Password: 27654

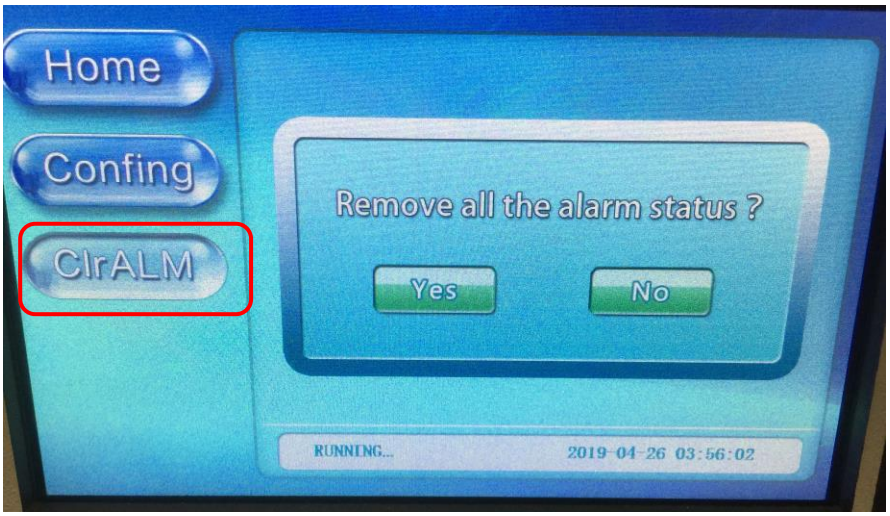


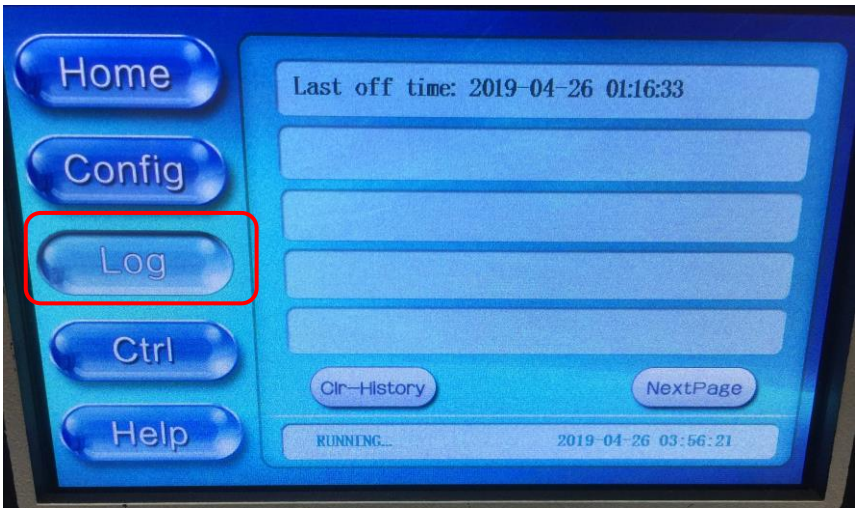

Home
Config
AmpCf
ComCf
FwdPara 34. 2
ReflPara 15. 5
Rejt1Para 0. 0
Rejt2Para 0. 0
Rejt3Para 0. 0
Rejt4Para 0. 0
INMax 16. 0 dBm
INPara 4. 4
ATT 8
PrePage
RUNNING...
2019-04-26 05:28:04


Home
Config
AmpCf
Amp1Cf
FwdMax 750 W
ReflMax 5. 0 W
VSWRMax 2. 0
Cur1Max 13. 4 A
TempMax 140 °F
Cur2Max 10. 0 A
AdjFwd 21. 35
AdjRefl 12. 00
INMax 30. 0 dBm
AdjIN 20. 00
RUNNING...
2019-04-26 05:28:14

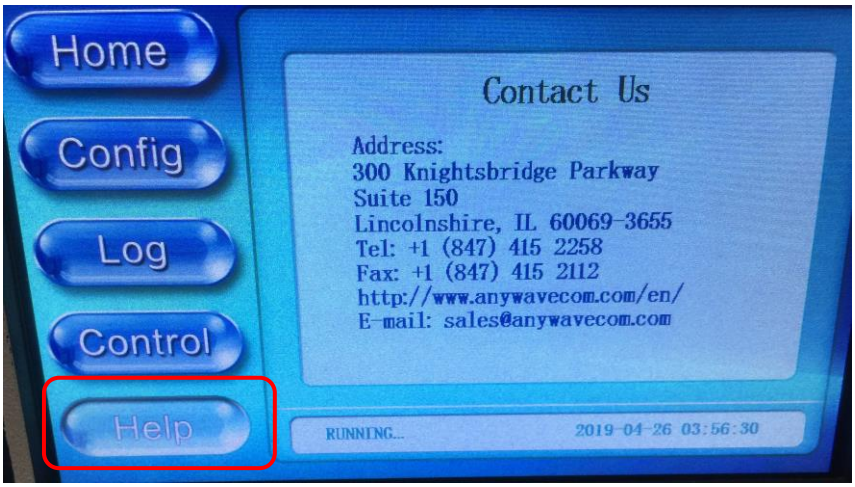

Home
Config
Exciter
Single Exciter
Dual Exciter
RUNNING...
2019-04-26 03:55:50


Home
Confing
BootSet
Repeat boot times:
3
OFF
RUNNING...
2019-04-26 03:55:56


Home
Confing
ClrALM
Remove all the alarm status ?
Yes
No
RUNNING...
2019-04-26 03:56:02

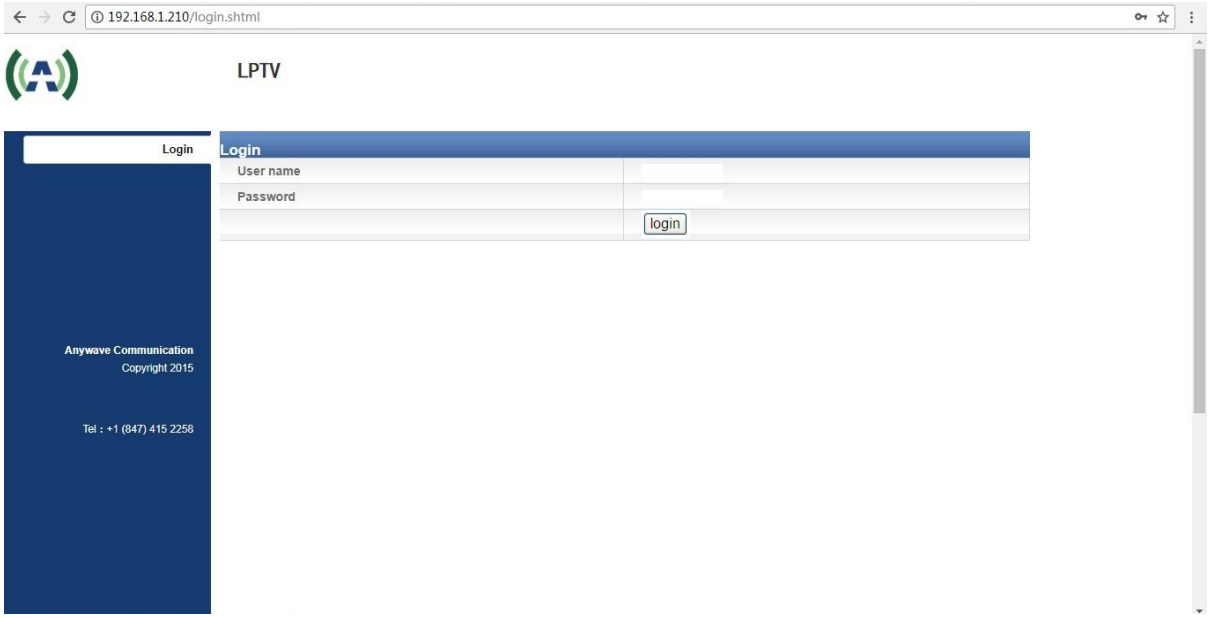

Home
Config
Log
Ctrl
Help
Last off time: 2019-04-26 01:16:33
Clr-History
NextPage
RUNNING...
2019-04-26 03:56:21


Home
Config
Log
Control
Help
LOCAL
REMOTE
RUNNING...
2019-04-26 03:56:25


Home
Config
Log
Control
Help
Contact Us
Address:
300 Knightsbridge Parkway
Suite 150
Lincolnshire, IL 60069-3655
Tel: +1 (847) 415 2258
Fax: +1 (847) 415 2112
http://www.anywavecom.com/en/
E-mail: sales@anywavecom.com
RUNNING...
2019-04-26 03:56:30

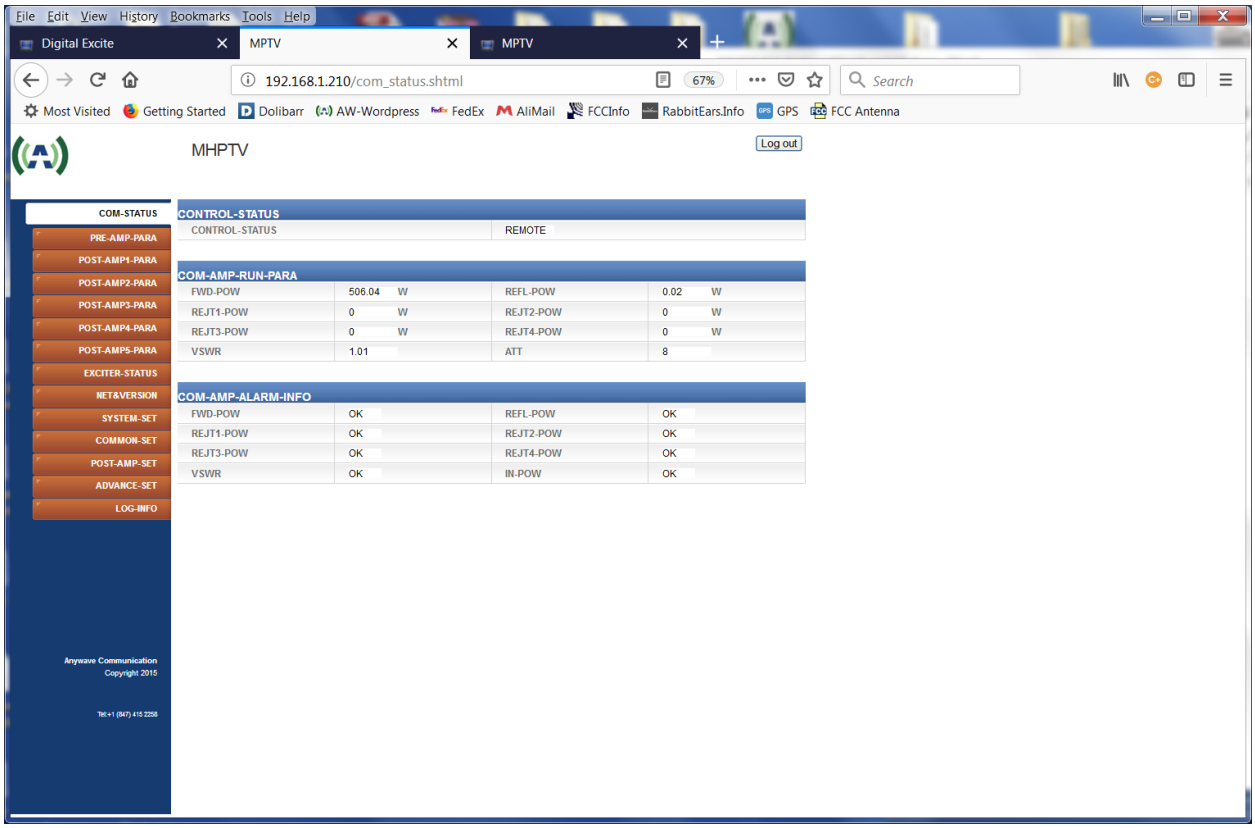
3.2 Web Interface

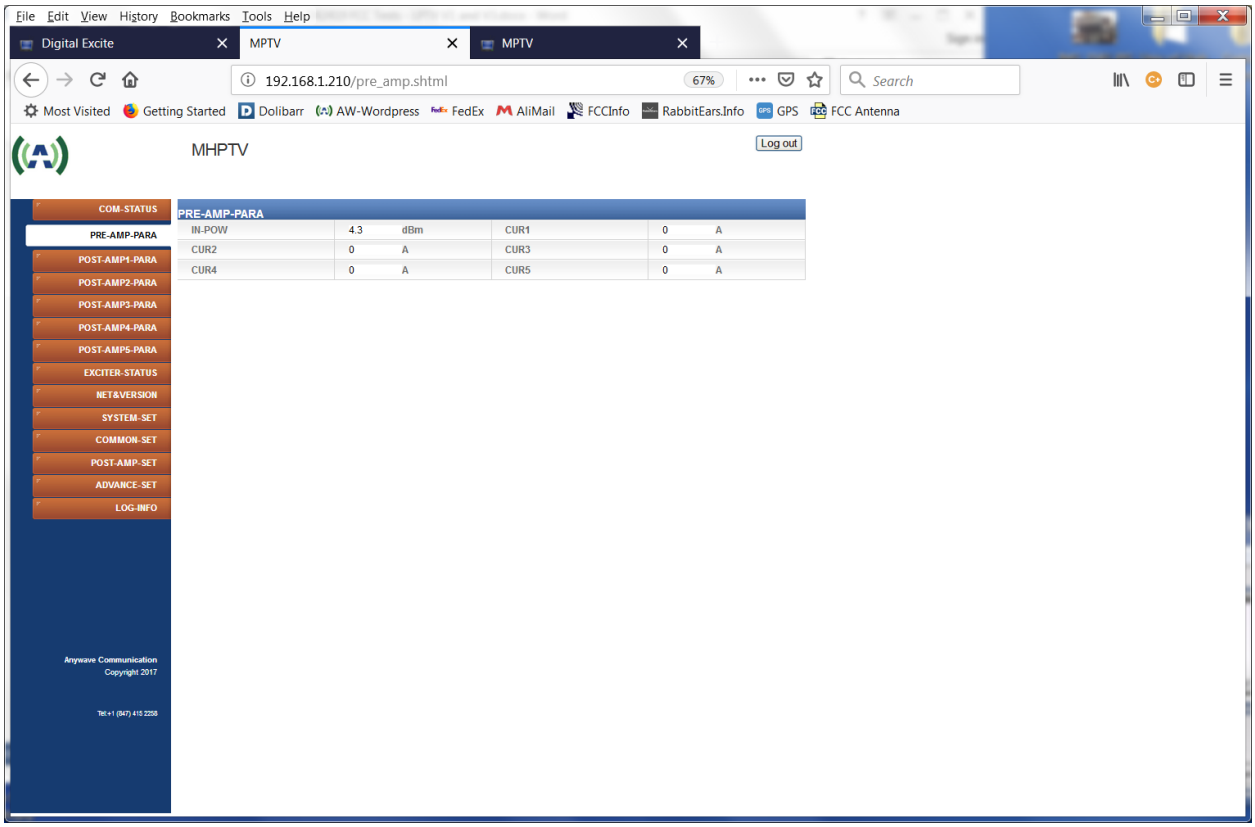
The 500W PA, Controller, and Exciter all have built-in web interfaces for system monitoring and control. Below are screenshots of the PA (192.168.1.200), Controller (192.168.1.210), and Exciter (192.168.1.143) web interfaces. Enter the IP address of the equipment in a web browser's address bar to cause a login window to pop up.

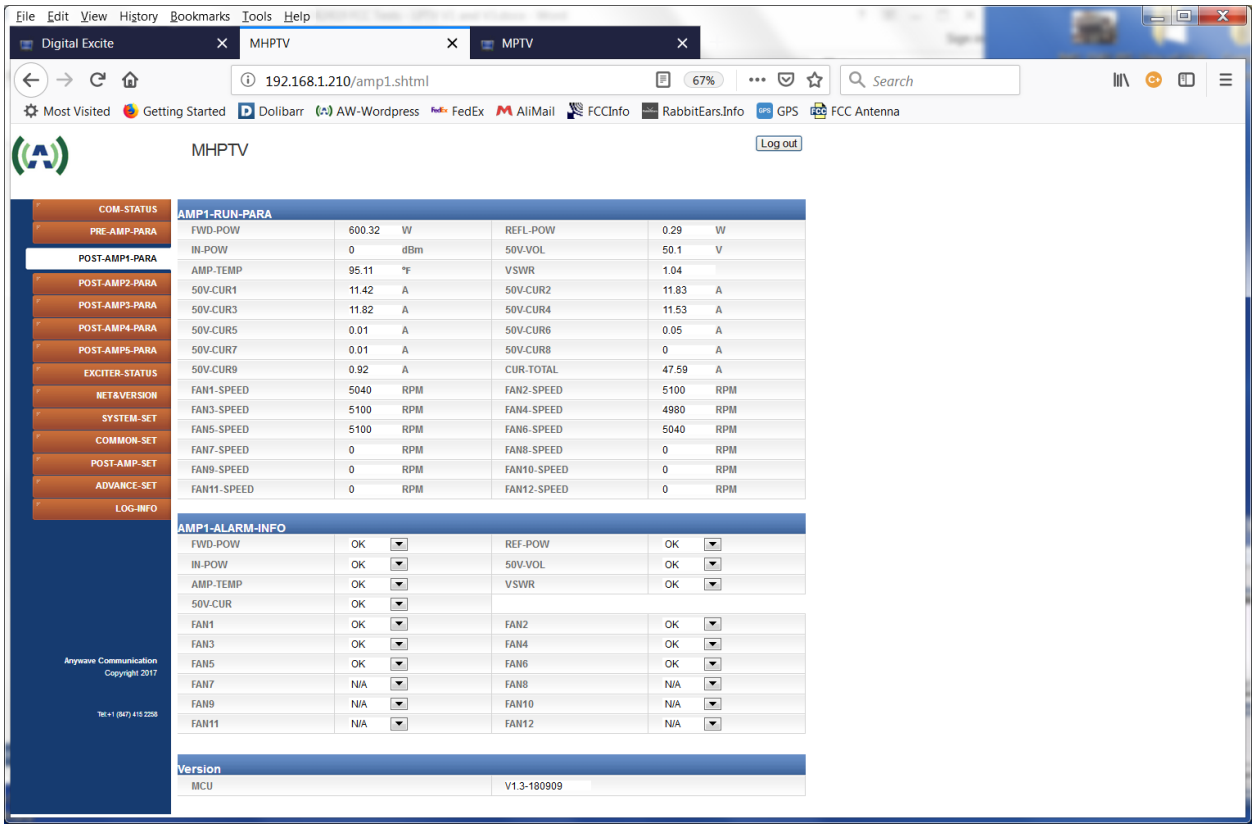


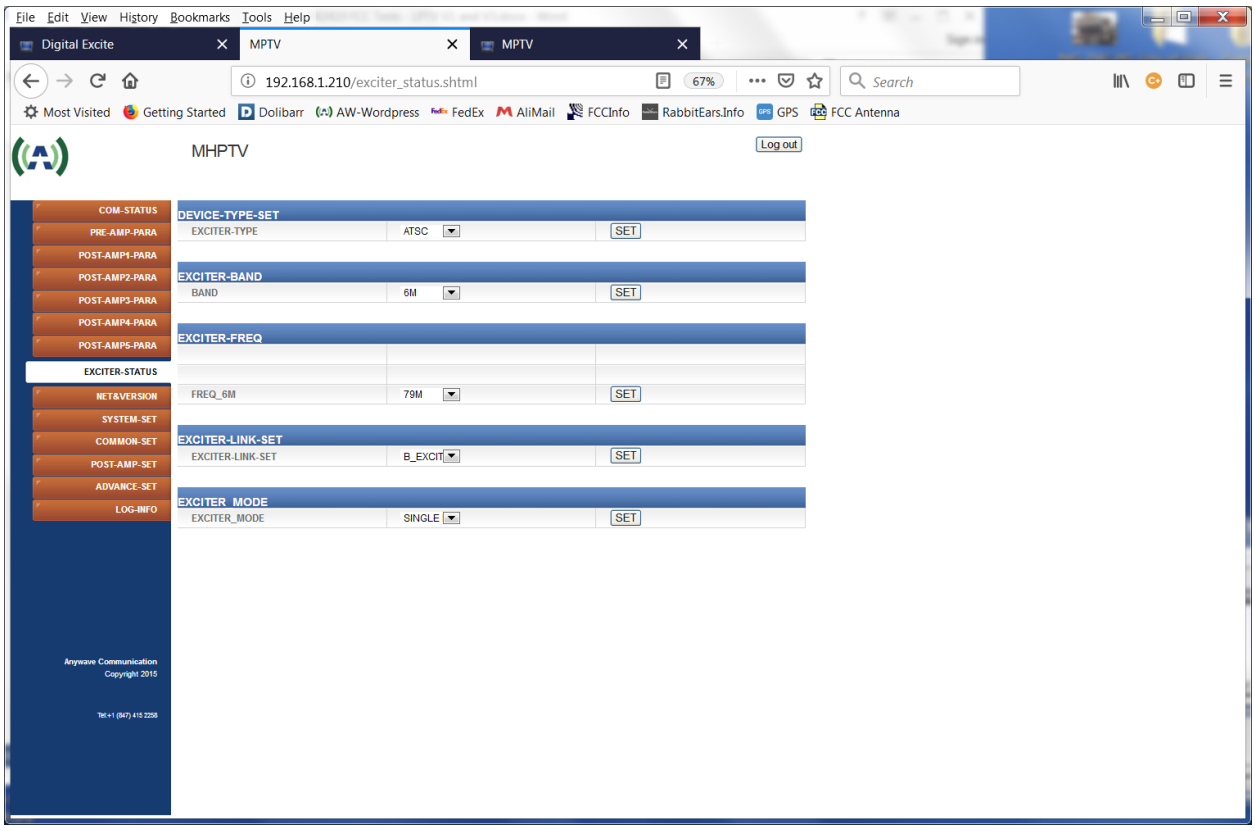
The “admin” tier provides full status and control of the equipment and is accessed with a username and password of "anywavecom" and "anywavecom" (case sensitive).

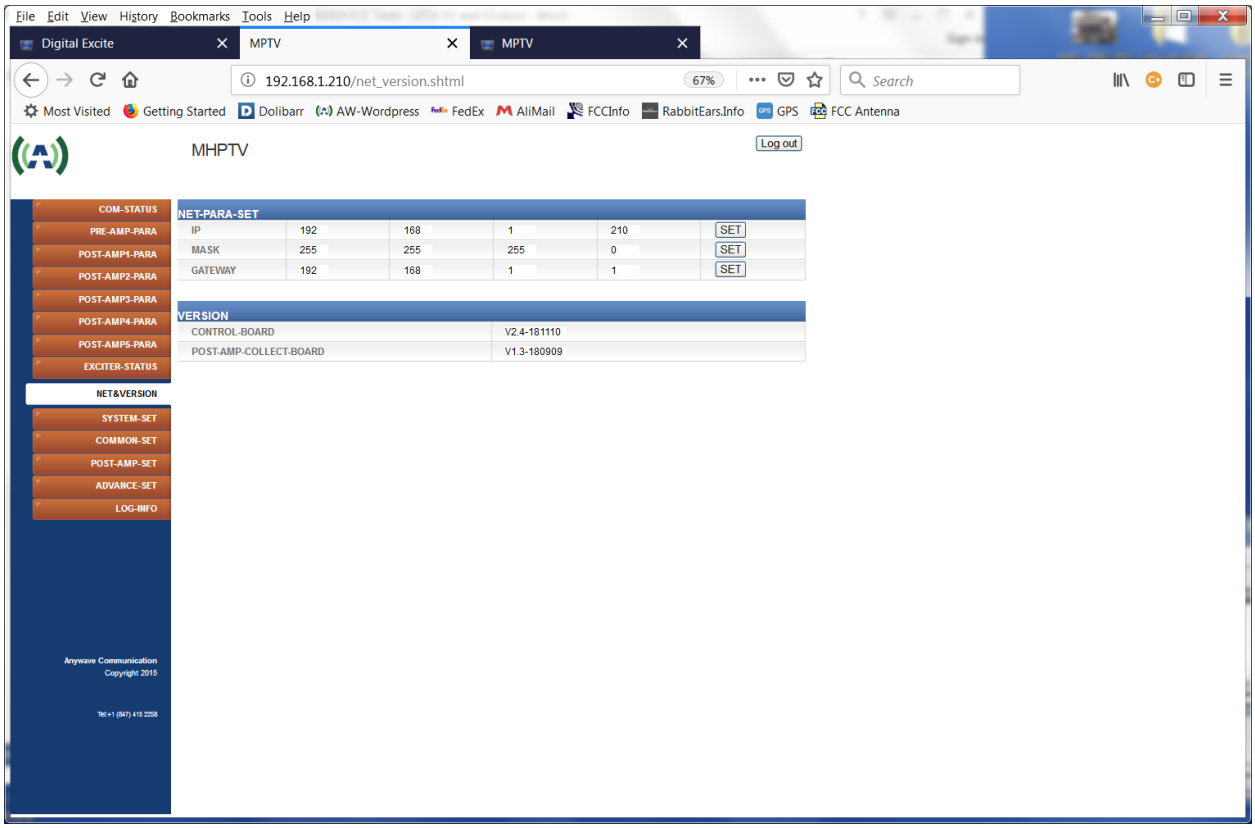
Controller web pages:

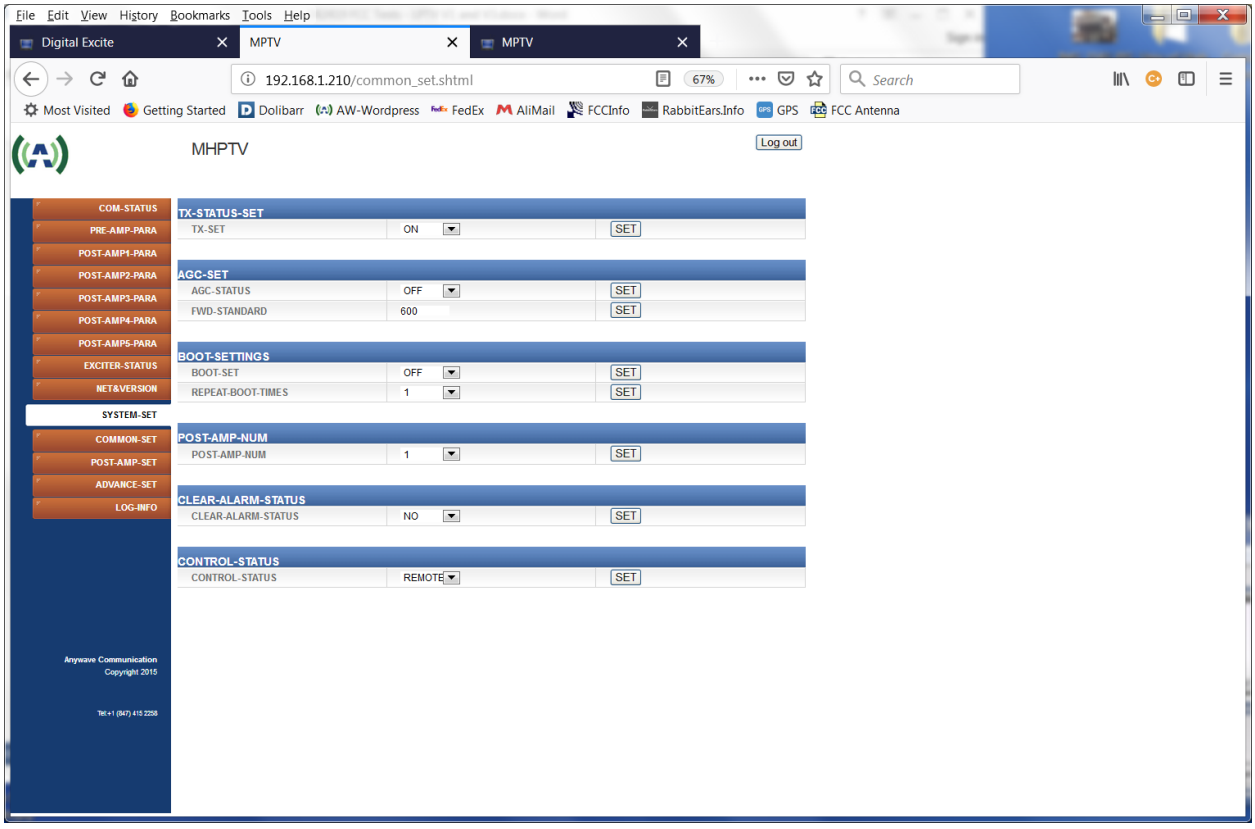


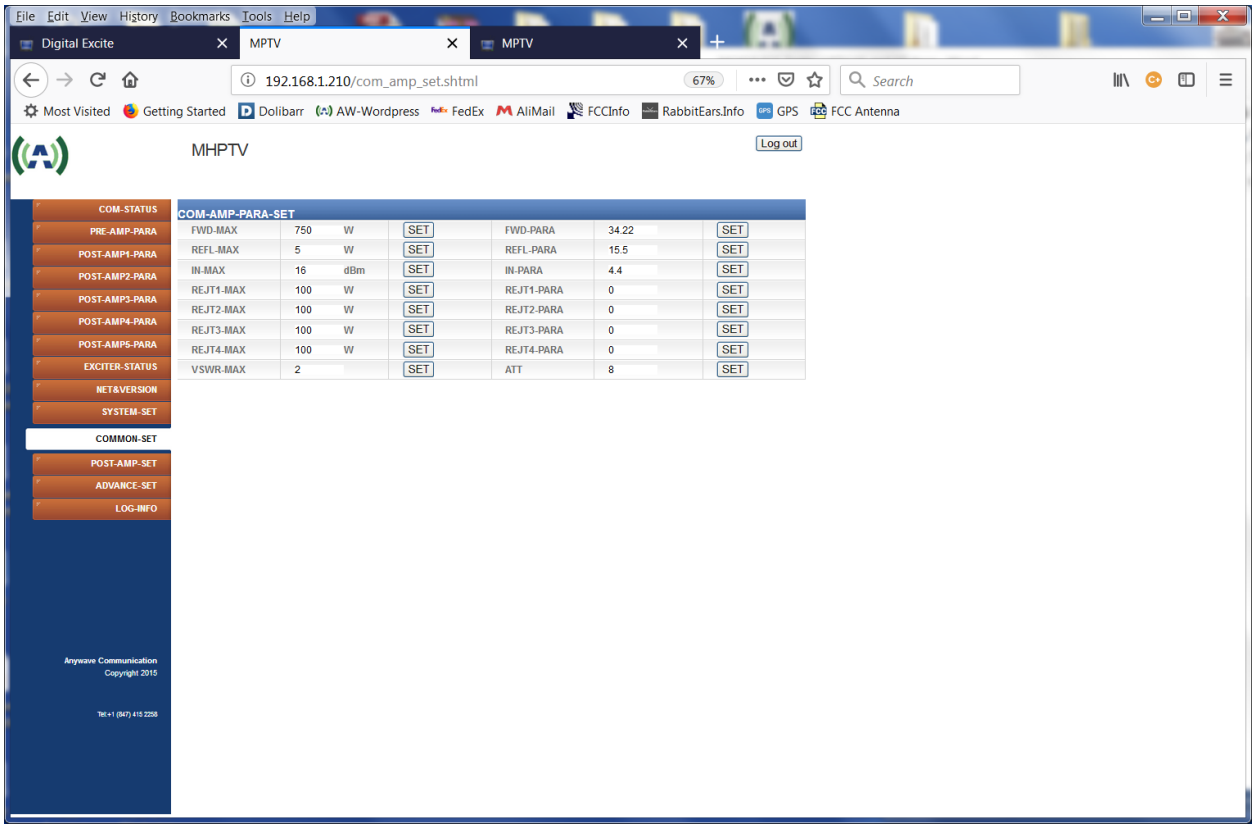


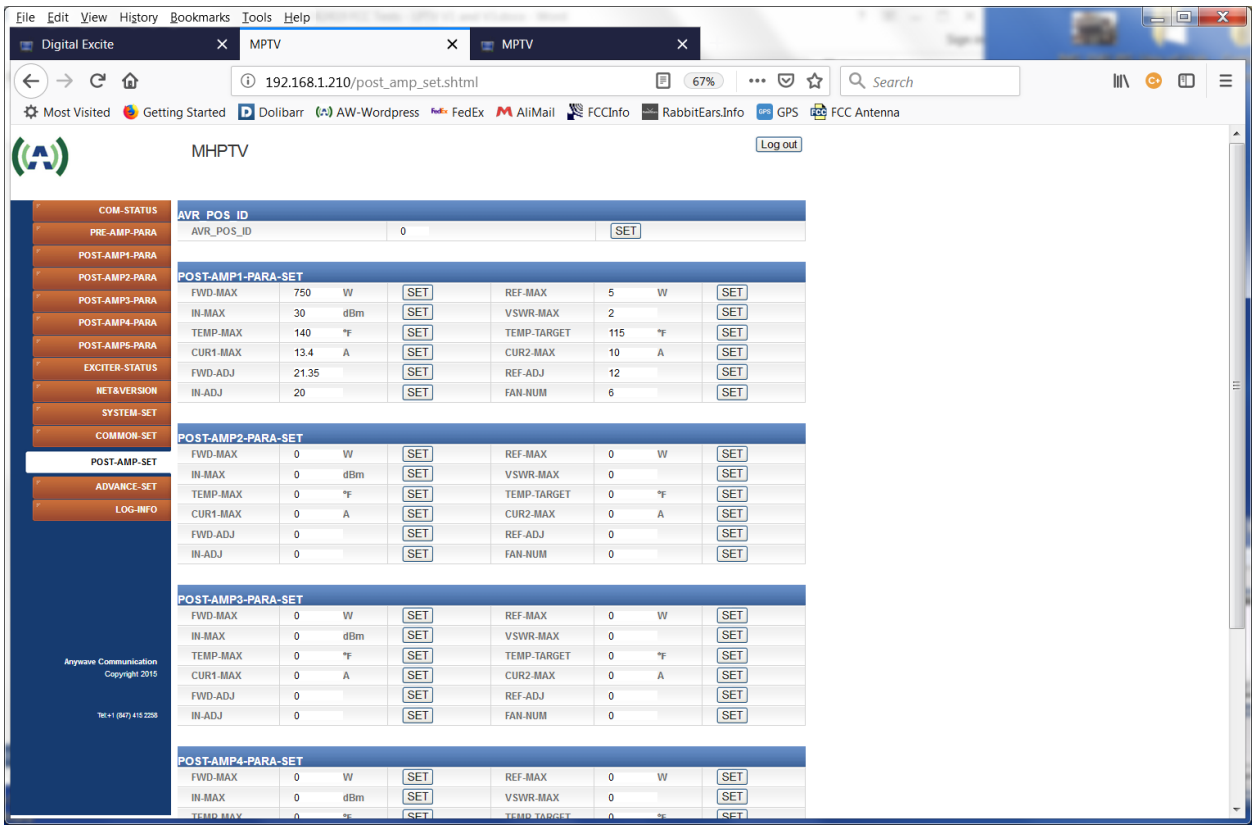

File Edit View History Bookmarks Tools Help
Digital Excite
MHPTV
MPTV
192.168.1.210/amp1.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
MHPTV
Log out
COM-STATUS
PRE-AMP-PARA
POST-AMP1-PARA
POST-AMP2-PARA
POST-AMP3-PARA
POST-AMP4-PARA
POST-AMP5-PARA
EXCITER-STATUS
NET&VERSION
SYSTEM-SET
COMMON-SET
POST-AMP-SET
ADVANCE-SET
LOG-INFO
AMP1-RUN-PARA
FWD-POW 600.32 W
REFL-POW 0.29 W
IN-POW 0 dBm
50V-VOL 50.1 V
AMP-TEMP 95.11 °F
VSWR 1.04
50V-CUR1 11.42 A
50V-CUR2 11.83 A
50V-CUR3 11.82 A
50V-CUR4 11.53 A
50V-CUR5 0.01 A
50V-CUR6 0.05 A
50V-CUR7 0.01 A
50V-CUR8 0 A
50V-CUR9 0.92 A
CUR-TOTAL 47.59 A
FAN1-SPEED 5040 RPM
FAN2-SPEED 5100 RPM
FAN3-SPEED 5100 RPM
FAN4-SPEED 4980 RPM
FAN5-SPEED 5100 RPM
FAN6-SPEED 5040 RPM
FAN7-SPEED 0 RPM
FAN8-SPEED 0 RPM
FAN9-SPEED 0 RPM
FAN10-SPEED 0 RPM
FAN11-SPEED 0 RPM
FAN12-SPEED 0 RPM
AMP1-ALARM-INFO
FWD-POW OK
REF-POW OK
IN-POW OK
50V-VOL OK
AMP-TEMP OK
VSWR OK
50V-CUR OK
FAN1 OK
FAN2 OK
FAN3 OK
FAN4 OK
FAN5 OK
FAN6 OK
FAN7 N/A
FAN8 N/A
FAN9 N/A
FAN10 N/A
FAN11 N/A
FAN12 N/A
Version
MCU V1.3-180909
Anywave Communication
Copyright 2017
Tel:+1 (847) 415 2258

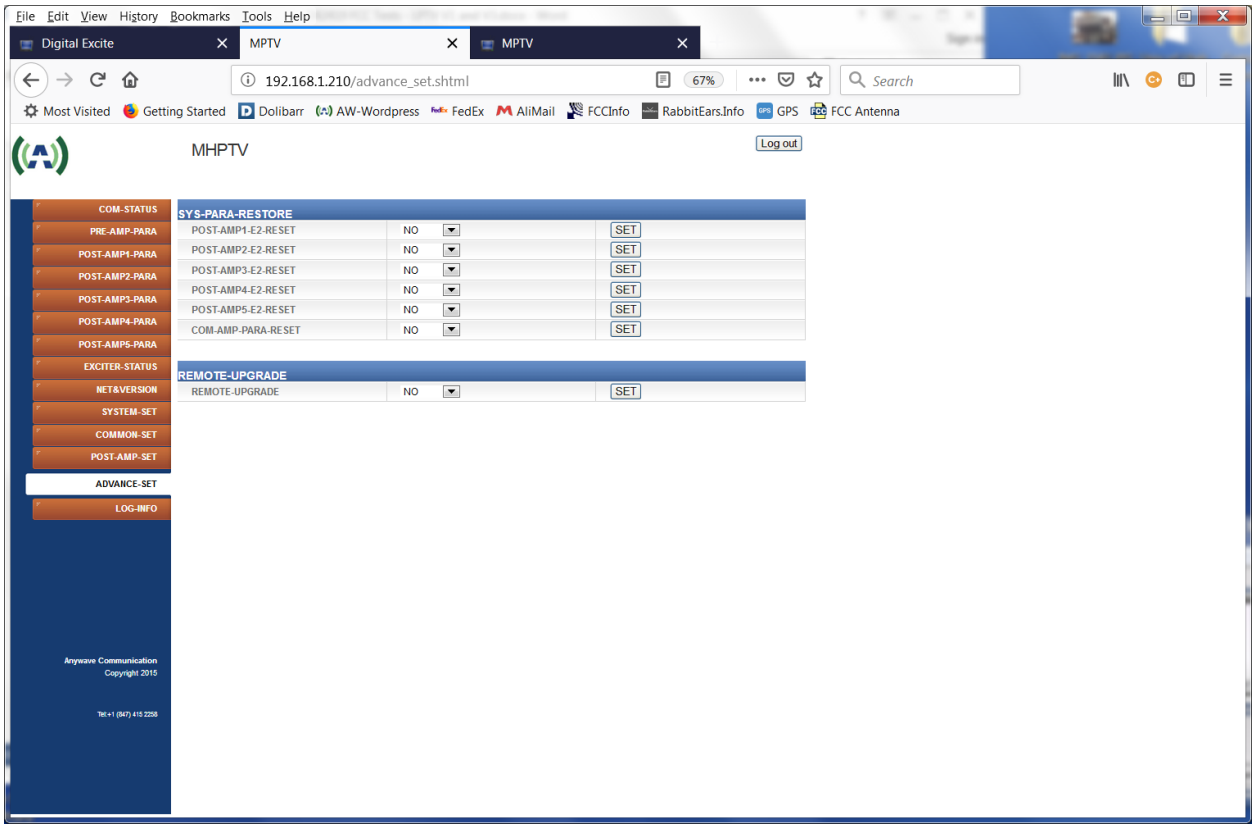

File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.210/exciter_status.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
MHPTV
Log out
COM-STATUS
PRE-AMP-PARA
POST-AMP1-PARA
POST-AMP2-PARA
POST-AMP3-PARA
POST-AMP4-PARA
POST-AMP5-PARA
EXCITER-STATUS
NET&VERSION
SYSTEM-SET
COMMON-SET
POST-AMP-SET
ADVANCE-SET
LOG-INFO
DEVICE-TYPE-SET
EXCITER-TYPE ATSC SET
EXCITER-BAND
BAND 6M SET
EXCITER-FREQ
FREQ_6M 79M SET
EXCITER-LINK-SET
EXCITER-LINK-SET B_EXCIT SET
EXCITER_MODE
EXCITER_MODE SINGLE SET
Anywave Communication
Copyright 2015
Tel:+1 (847) 415 2258

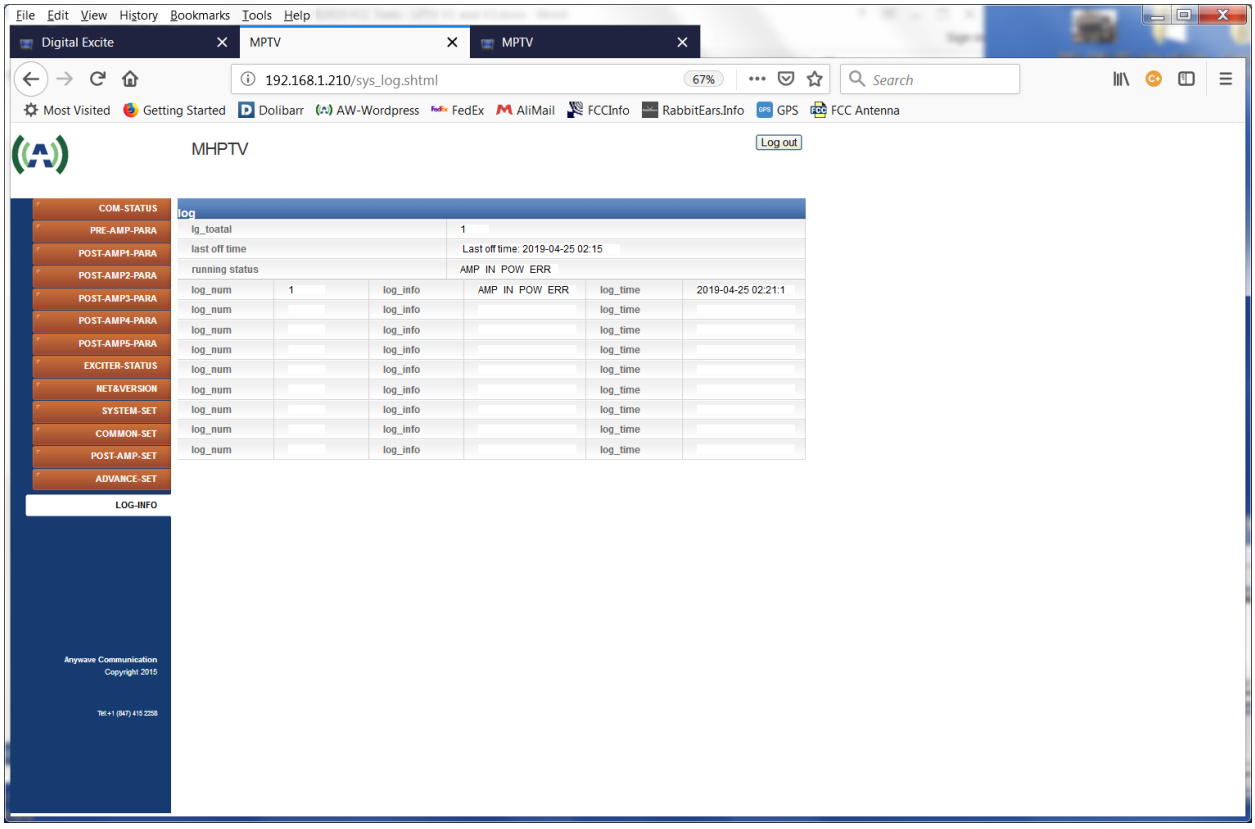

File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.210/net_version.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
MHPTV
Log out
COM-STATUS
PRE-AMP-PARA
POST-AMP1-PARA
POST-AMP2-PARA
POST-AMP3-PARA
POST-AMP4-PARA
POST-AMP5-PARA
EXCITER-STATUS
NET&VERSION
SYSTEM-SET
COMMON-SET
POST-AMP-SET
ADVANCE-SET
LOG-INFO
NET-PARA-SET
IP 192 168 1 210 SET
MASK 255 255 255 0 SET
GATEWAY 192 168 1 1 SET
VERSION
CONTROL-BOARD V2.4-181110
POST-AMP-COLLECT-BOARD V1.3-180909
Anywave Communication
Copyright 2015
Tel:+1 (847) 415 2258


File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.210/common_set.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
MHPTV
Log out
COM-STATUS
PRE-AMP-PARA
POST-AMP1-PARA
POST-AMP2-PARA
POST-AMP3-PARA
POST-AMP4-PARA
POST-AMP5-PARA
EXCITER-STATUS
NET&VERSION
SYSTEM-SET
COMMON-SET
POST-AMP-SET
ADVANCE-SET
LOG-INFO
TX-STATUS-SET
TX-SET ON SET
AGC-SET
AGC-STATUS OFF SET
FWD-STANDARD 600 SET
BOOT-SETTINGS
BOOT-SET OFF SET
REPEAT-BOOT-TIMES 1 SET
POST-AMP-NUM
POST-AMP-NUM 1 SET
CLEAR-ALARM-STATUS
CLEAR-ALARM-STATUS NO SET
CONTROL-STATUS
CONTROL-STATUS REMOTE SET
Anywave Communication
Copyright 2015
Tel:+1 (847) 415 2258

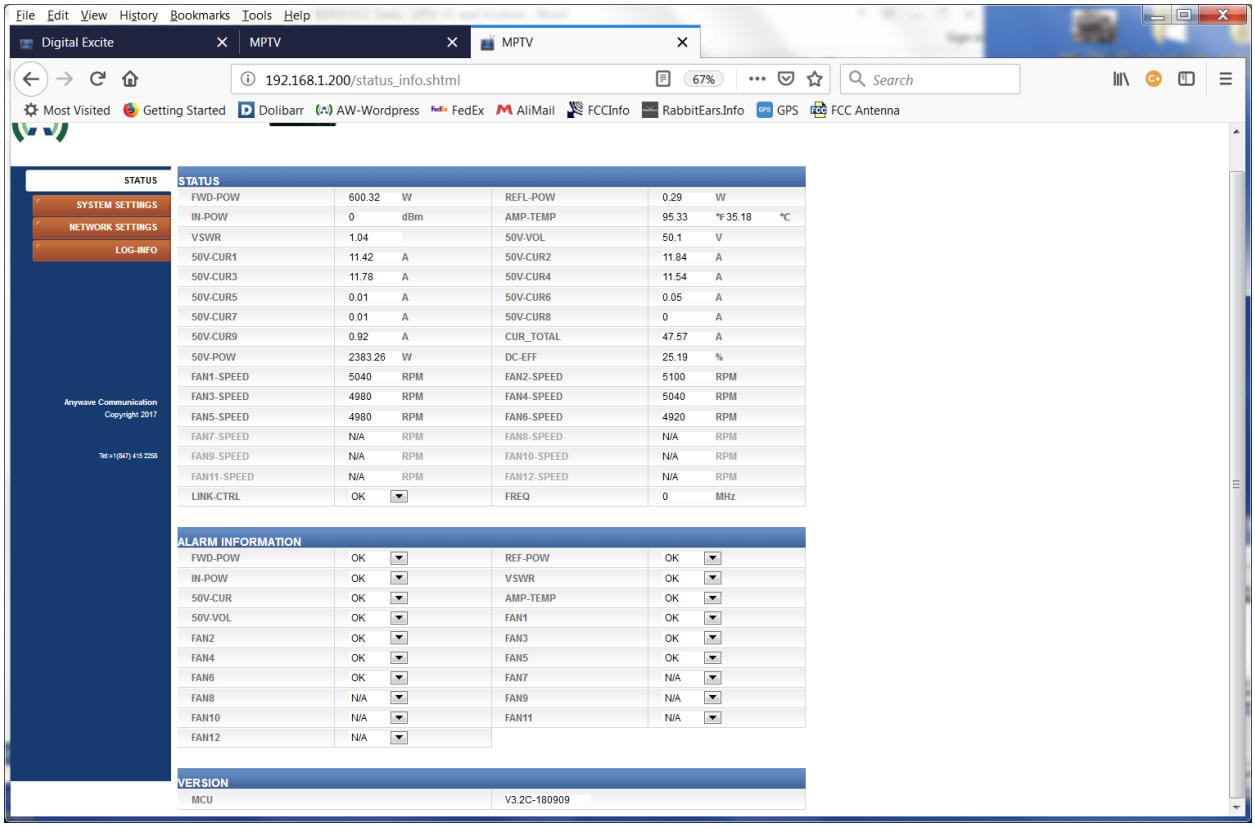

File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.210/com_amp_set.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
MHPTV
Log out
COM-STATUS
PRE-AMP-PARA
POST-AMP1-PARA
POST-AMP2-PARA
POST-AMP3-PARA
POST-AMP4-PARA
POST-AMP5-PARA
EXCITER-STATUS
NET&VERSION
SYSTEM-SET
COMMON-SET
POST-AMP-SET
ADVANCE-SET
LOG-INFO
COM-AMP-PARA-SET
FWD-MAX 750 W SET
REFL-MAX 5 W SET
IN-MAX 16 dBm SET
REJT1-MAX 100 W SET
REJT2-MAX 100 W SET
REJT3-MAX 100 W SET
REJT4-MAX 100 W SET
VSWR-MAX 2 SET
FWD-PARA 34.22 SET
REFL-PARA 15.5 SET
IN-PARA 4.4 SET
REJT1-PARA 0 SET
REJT2-PARA 0 SET
REJT3-PARA 0 SET
REJT4-PARA 0 SET
ATT 8 SET
Anywave Communication
Copyright 2015
Tel:+1 (847) 415 2258

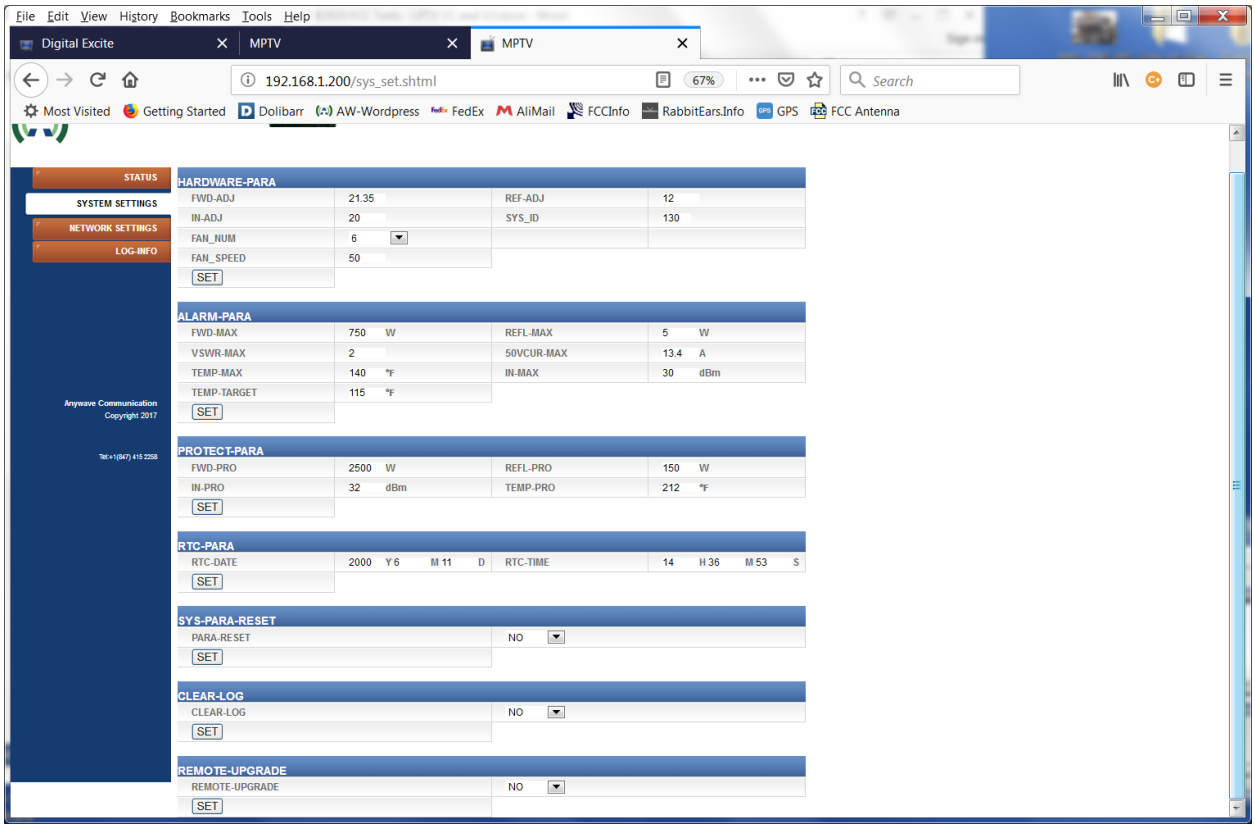

File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.210/post_amp_set.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
MHPTV
Log out
COM-STATUS
PRE-AMP-PARA
POST-AMP1-PARA
POST-AMP2-PARA
POST-AMP3-PARA
POST-AMP4-PARA
POST-AMP5-PARA
EXCITER-STATUS
NET&VERSION
SYSTEM-SET
COMMON-SET
POST-AMP-SET
ADVANCE-SET
LOG-INFO
AVR_POS_ID
AVR_POS_ID 0 SET
POST-AMP1-PARA-SET
FWD-MAX 750 W SET
IN-MAX 30 dBm SET
TEMP-MAX 140 °F SET
CUR1-MAX 13.4 A SET
FWD-ADJ 21.35 SET
IN-ADJ 20 SET
REF-MAX 5 W SET
VSWR-MAX 2 SET
TEMP-TARGET 115 °F SET
CUR2-MAX 10 A SET
REF-ADJ 12 SET
FAN-NUM 6 SET
POST-AMP2-PARA-SET
FWD-MAX 0 W SET
IN-MAX 0 dBm SET
TEMP-MAX 0 °F SET
CUR1-MAX 0 A SET
FWD-ADJ 0 SET
IN-ADJ 0 SET
REF-MAX 0 W SET
VSWR-MAX 0 SET
TEMP-TARGET 0 °F SET
CUR2-MAX 0 A SET
REF-ADJ 0 SET
FAN-NUM 0 SET
POST-AMP3-PARA-SET
FWD-MAX 0 W SET
IN-MAX 0 dBm SET
TEMP-MAX 0 °F SET
CUR1-MAX 0 A SET
FWD-ADJ 0 SET
IN-ADJ 0 SET
REF-MAX 0 W SET
VSWR-MAX 0 SET
TEMP-TARGET 0 °F SET
CUR2-MAX 0 A SET
REF-ADJ 0 SET
FAN-NUM 0 SET
POST-AMP4-PARA-SET
FWD-MAX 0 W SET
IN-MAX 0 dBm SET
REF-MAX 0 W SET
VSWR-MAX 0 SET
Anywave Communication
Copyright 2015
Tel:+1 (847) 415 2258

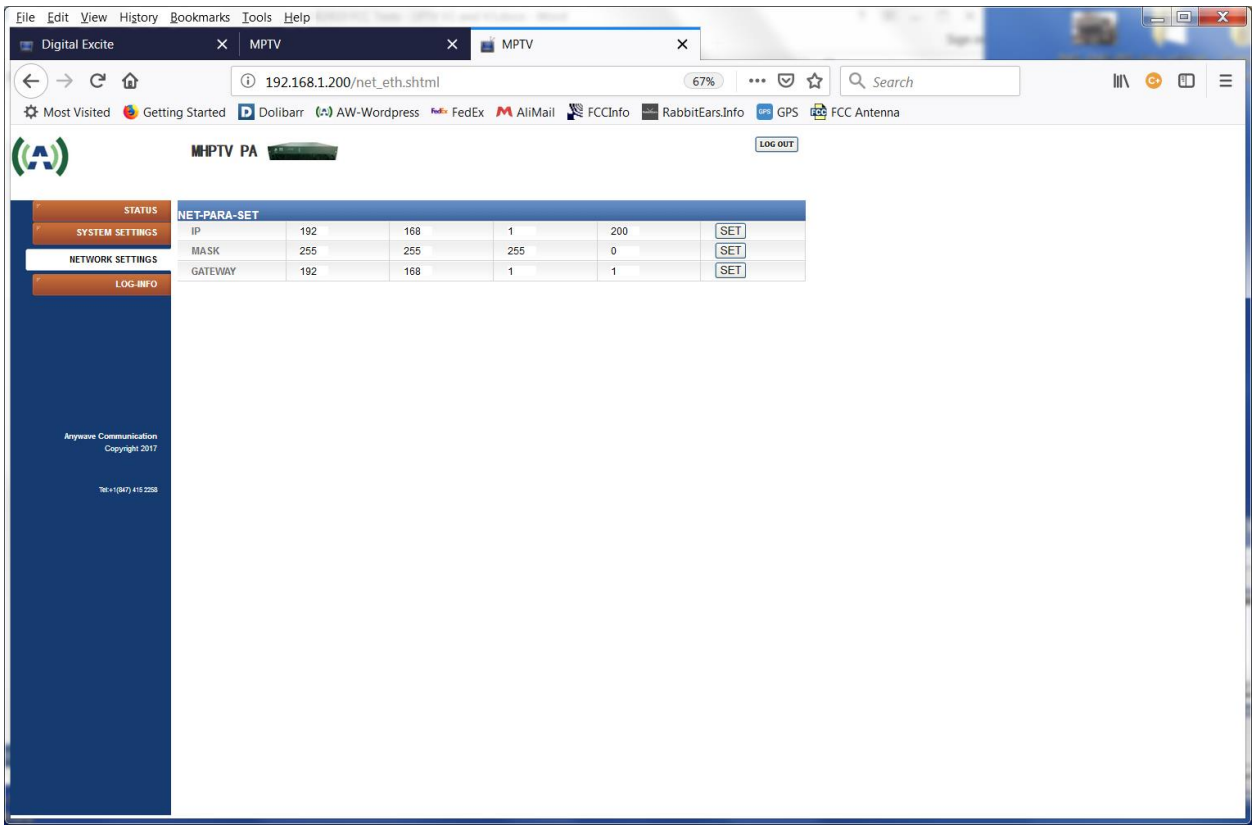

File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.210/advance_set.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
MHPTV
Log out
COM-STATUS
PRE-AMP-PARA
POST-AMP1-PARA
POST-AMP2-PARA
POST-AMP3-PARA
POST-AMP4-PARA
POST-AMP5-PARA
EXCITER-STATUS
NET&VERSION
SYSTEM-SET
COMMON-SET
POST-AMP-SET
ADVANCE-SET
LOG-INFO
SYS-PARA-RESTORE
POST-AMP1-E2-RESET NO SET
POST-AMP2-E2-RESET NO SET
POST-AMP3-E2-RESET NO SET
POST-AMP4-E2-RESET NO SET
POST-AMP5-E2-RESET NO SET
COM-AMP-PARA-RESET NO SET
REMOTE-UPGRADE
REMOTE-UPGRADE NO SET
Anywave Communication
Copyright 2015
Tel:+1 (847) 415 2258

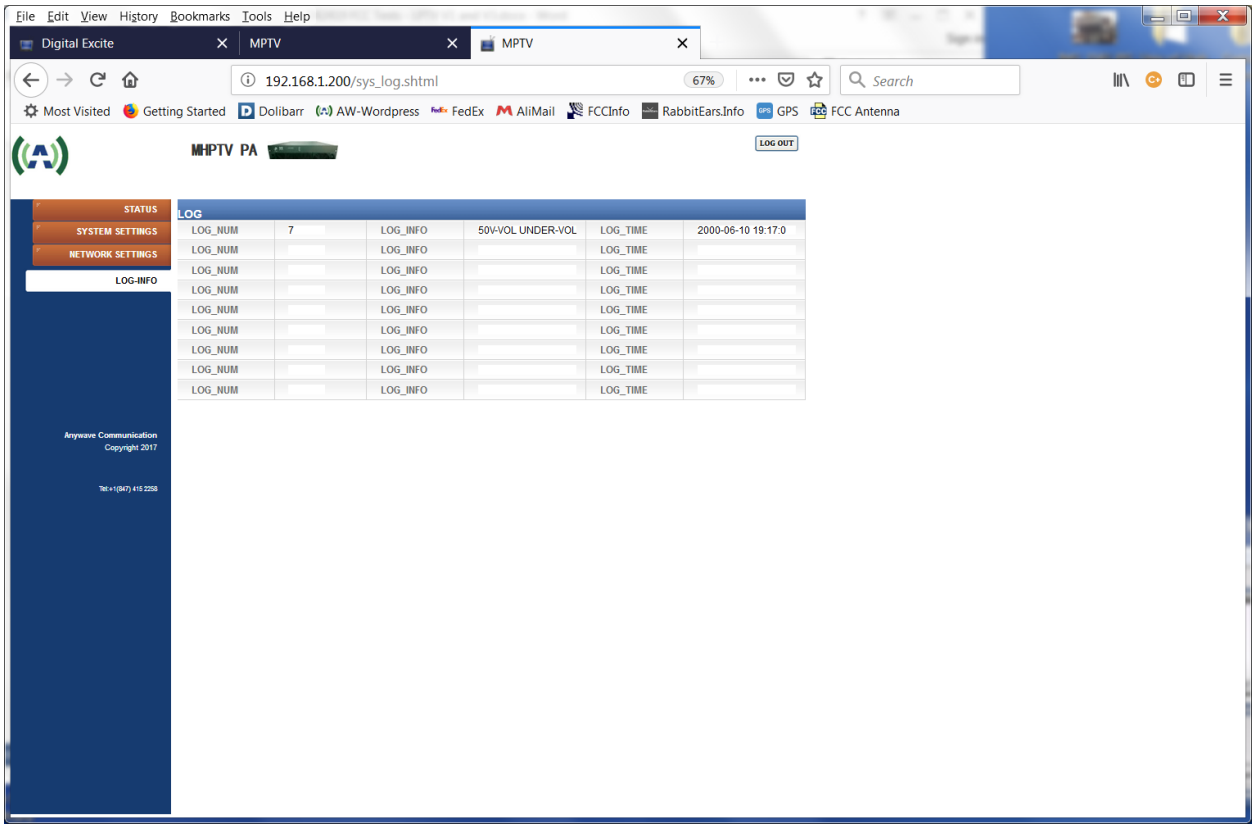

File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.210/sys_log.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
MHPTV
Log out
COM-STATUS
PRE-AMP-PARA
POST-AMP1-PARA
POST-AMP2-PARA
POST-AMP3-PARA
POST-AMP4-PARA
POST-AMP5-PARA
EXCITER-STATUS
NET&VERSION
SYSTEM-SET
COMMON-SET
POST-AMP-SET
ADVANCE-SET
LOG-INFO
log
lg_toatal 1
last off time Last off time: 2019-04-25 02:15
running status AMP IN POW ERR
log_num 1 log_info AMP IN POW ERR log_time 2019-04-25 02:21:1
log_num log_info log_time
Anywave Communication
Copyright 2015
Tel:+1 (847) 415 2258

PA web pages:

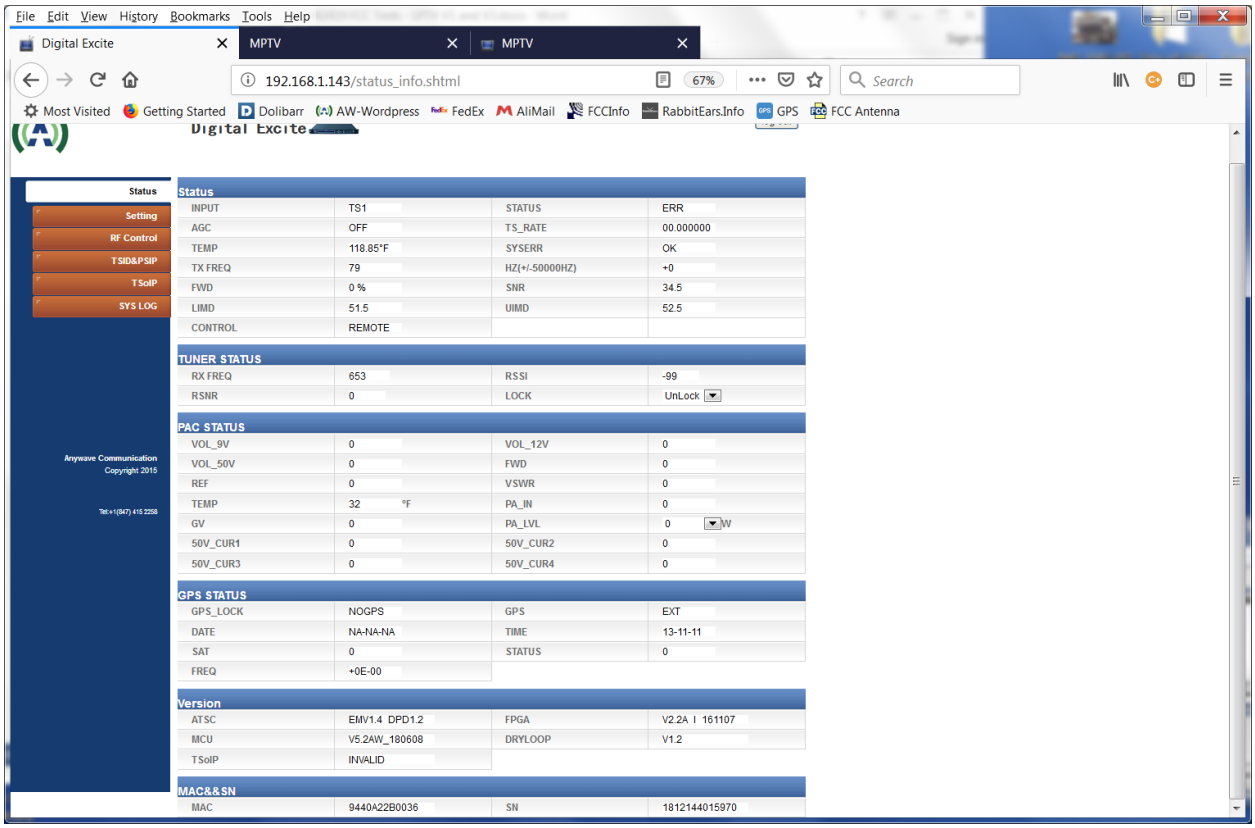

File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.200/status_info.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
STATUS
SYSTEM SETTINGS
NETWORK SETTINGS
LOG-INFO
Anywave Communication
Copyright 2017
STATUS
FWD-POW 600.32 W
REFL-POW 0.29 W
IN-POW 0 dBm
AMP-TEMP 95.33 °F 35.18 °C
VSWR 1.04
50V-VOL 50.1 V
50V-CUR1 11.42 A
50V-CUR2 11.84 A
50V-CUR3 11.78 A
50V-CUR4 11.54 A
50V-CUR5 0.01 A
50V-CUR6 0.05 A
50V-CUR7 0.01 A
50V-CUR8 0 A
50V-CUR9 0.92 A
CUR_TOTAL 47.57 A
50V-POW 2383.26 W
DC-EFF 25.19 %
FAN1-SPEED 5040 RPM
FAN2-SPEED 5100 RPM
FAN3-SPEED 4980 RPM
FAN4-SPEED 5040 RPM
FAN5-SPEED 4980 RPM
FAN6-SPEED 4920 RPM
FAN7-SPEED N/A RPM
FAN8-SPEED N/A RPM
FAN9-SPEED N/A RPM
FAN10-SPEED N/A RPM
FAN11-SPEED N/A RPM
FAN12-SPEED N/A RPM
LINK-CTRL OK
FREQ 0 MHz
ALARM INFORMATION
FWD-POW OK
REF-POW OK
IN-POW OK
VSWR OK
50V-CUR OK
AMP-TEMP OK
50V-VOL OK
FAN1 OK
FAN2 OK
FAN3 OK
FAN4 OK
FAN5 OK
FAN6 OK
FAN7 N/A
FAN8 N/A
FAN9 N/A
FAN10 N/A
FAN11 N/A
FAN12 N/A
VERSION
MCU V3.2C-180909

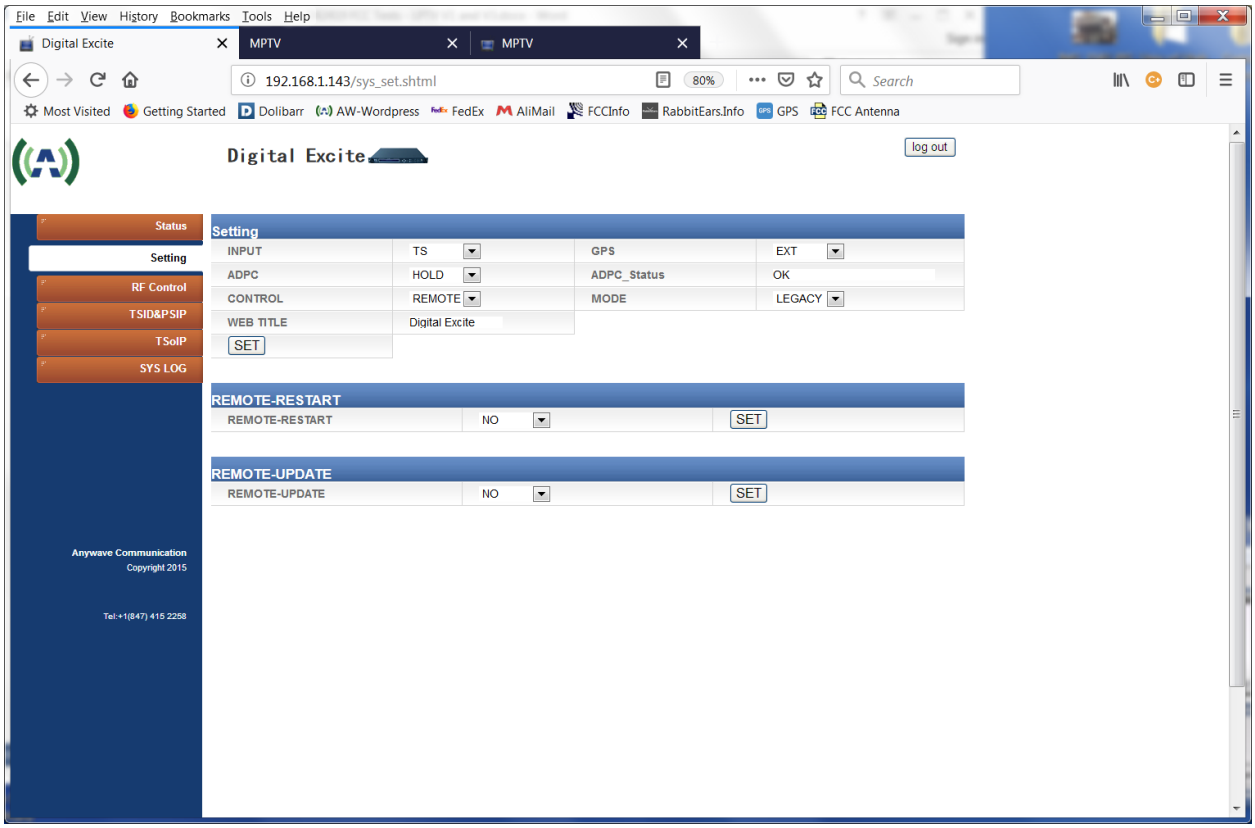

File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.200/sys_set.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
STATUS
SYSTEM SETTINGS
NETWORK SETTINGS
LOG-INFO
Anywave Communication
Copyright 2017
HARDWARE-PARA
FWD-ADJ 21.35
REF-ADJ 12
IN-ADJ 20
SYS_ID 130
FAN_NUM 6
FAN_SPEED 50
SET
ALARM-PARA
FWD-MAX 750 W
REFL-MAX 5 W
VSWR-MAX 2
50VCUR-MAX 13.4 A
TEMP-MAX 140 °F
IN-MAX 30 dBm
TEMP-TARGET 115 °F
SET
PROTECT-PARA
FWD-PRO 2500 W
REFL-PRO 150 W
IN-PRO 32 dBm
TEMP-PRO 212 °F
SET
RTC-PARA
RTC-DATE 2000 Y 6 M 11 D
RTC-TIME 14 H 36 M 53 S
SET
SYS-PARA-RESET
PARA-RESET NO
SET
CLEAR-LOG
CLEAR-LOG NO
SET
REMOTE-UPGRADE
REMOTE-UPGRADE NO
SET

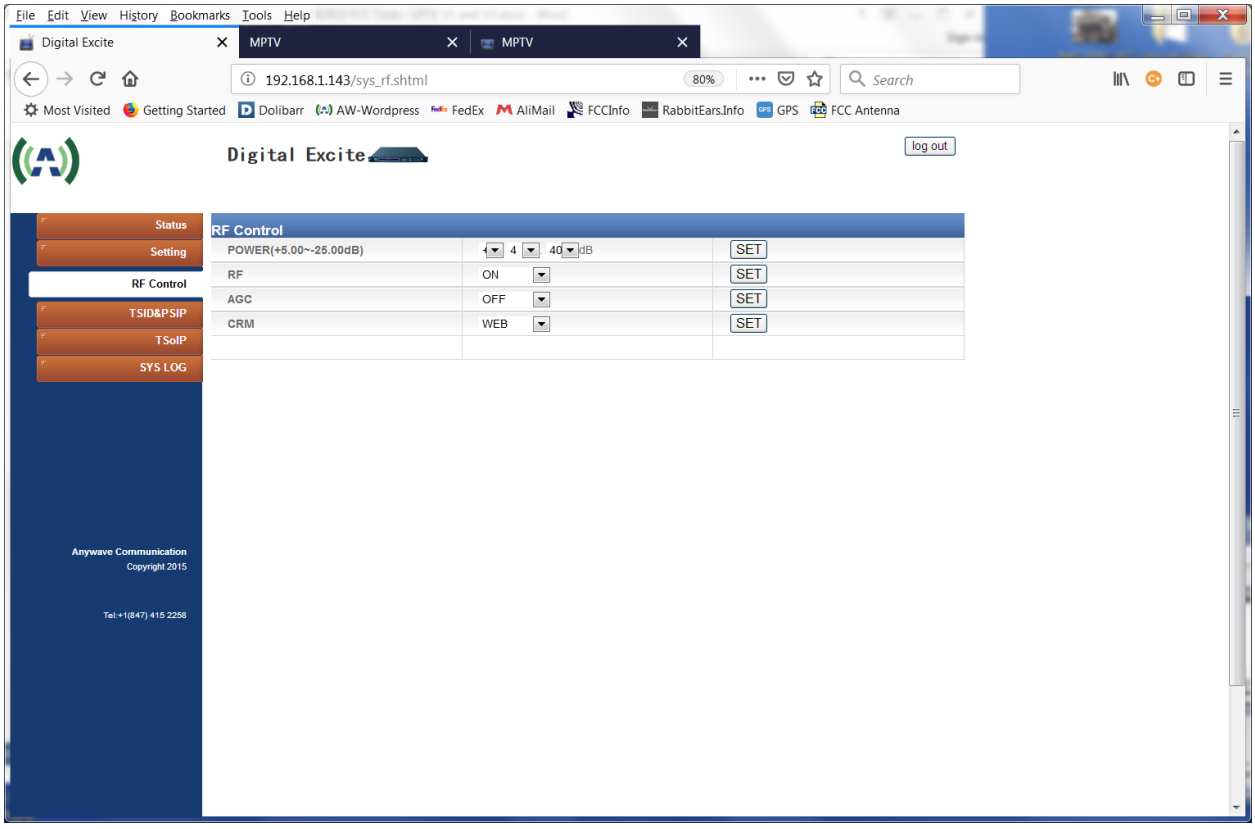

File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.200/net_eth.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
MHPTV PA
LOG OUT
STATUS
SYSTEM SETTINGS
NETWORK SETTINGS
LOG-INFO
Anywave Communication
Copyright 2017
NET-PARA-SET
IP 192 168 1 200 SET
MASK 255 255 255 0 SET
GATEWAY 192 168 1 1 SET

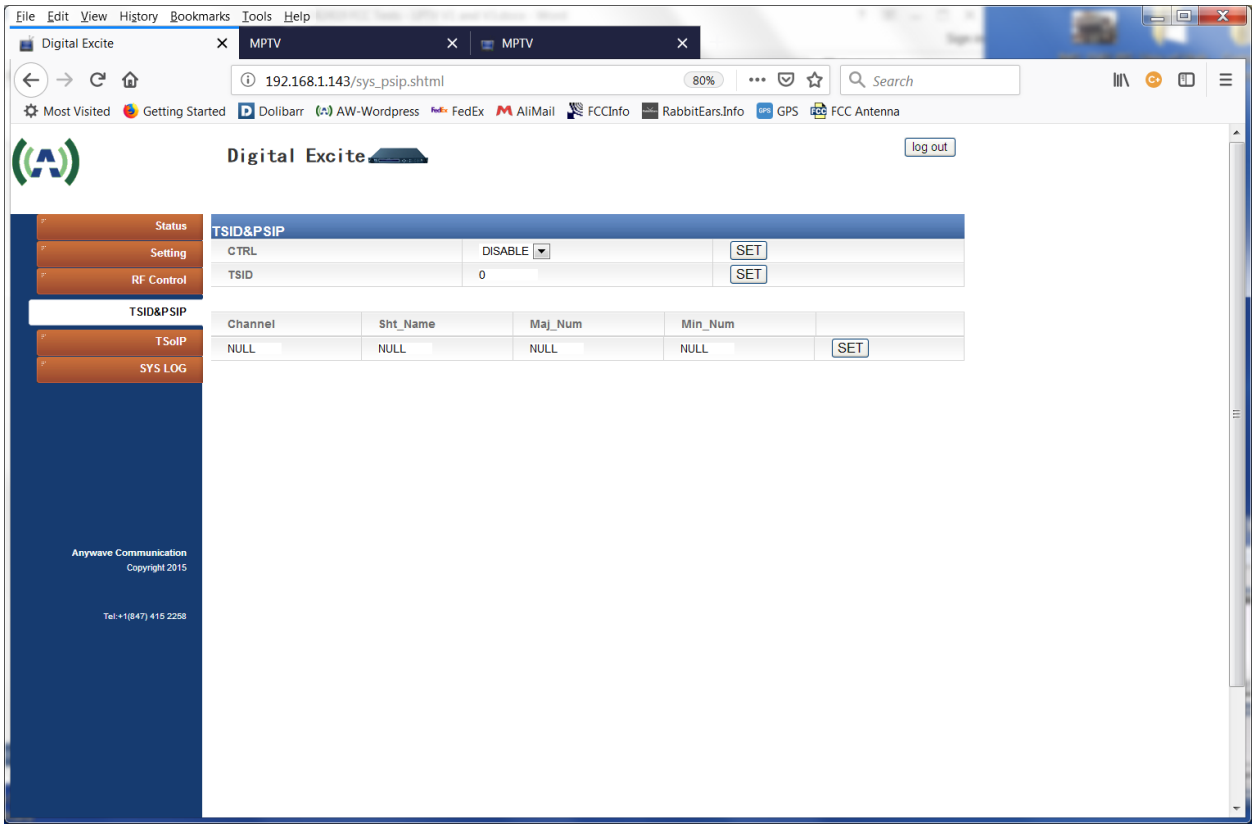

File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.200/sys_log.shtml
67%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
MHPTV PA
LOG OUT
STATUS
SYSTEM SETTINGS
NETWORK SETTINGS
LOG-INFO
LOG
LOG_NUM 7 LOG_INFO 50V-VOL UNDER-VOL LOG_TIME 2000-06-10 19:17:0
LOG_NUM LOG_INFO LOG_TIME
Anywave Communication
Copyright 2017

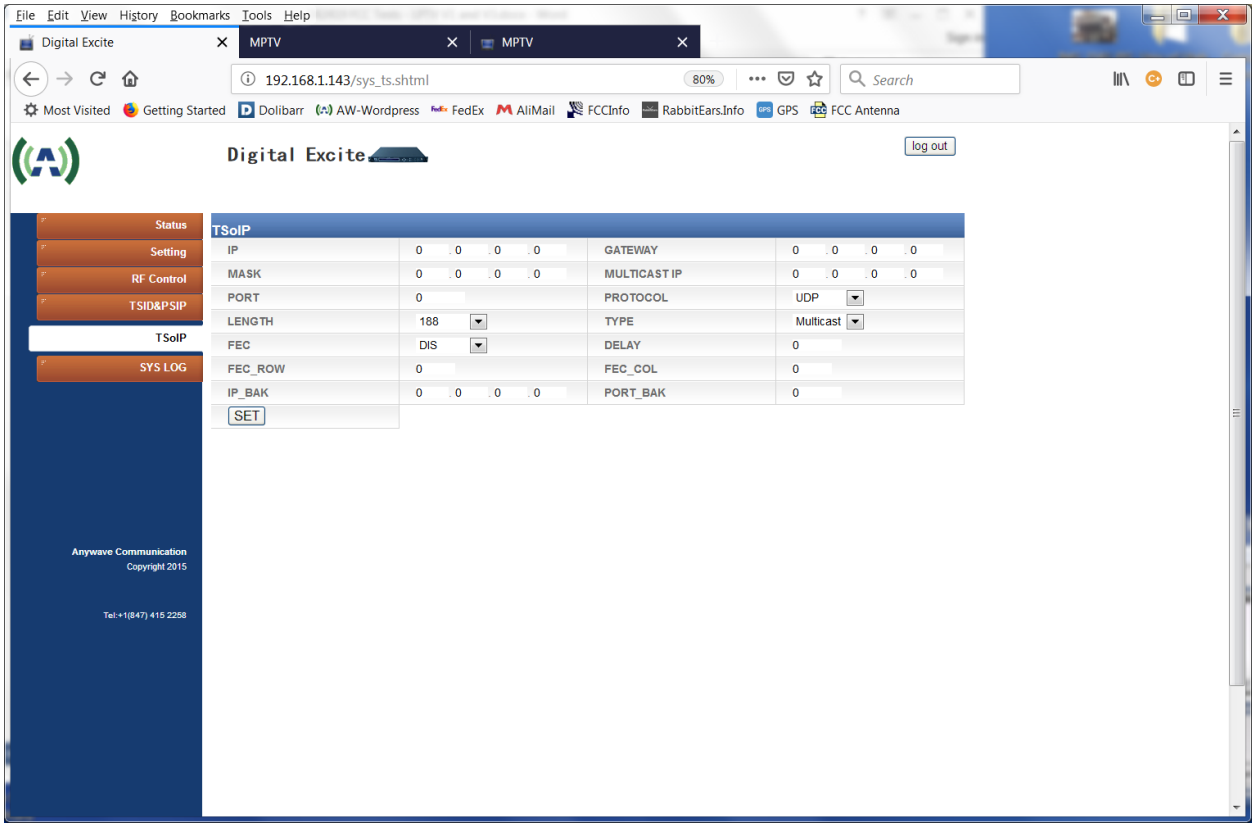
Exciter web pages:

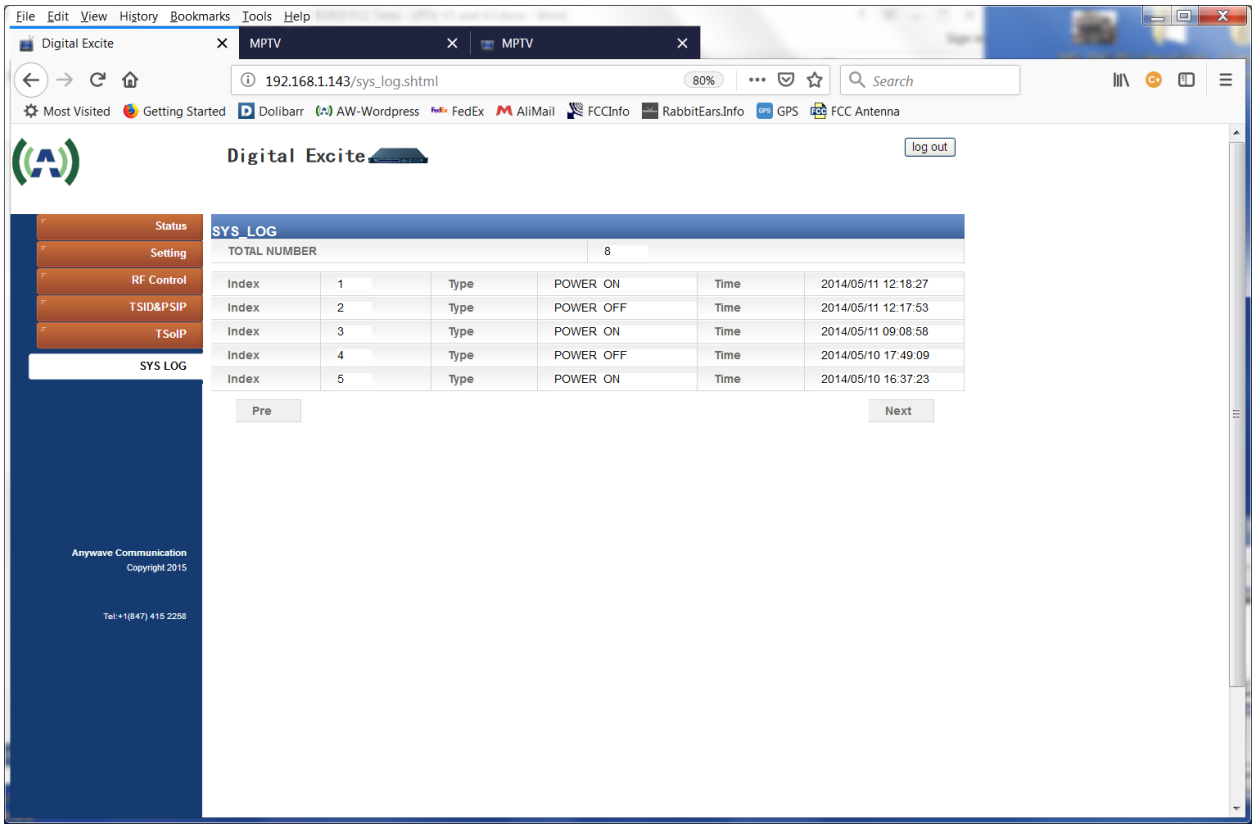



File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.143/sys_set.shtml
80%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
Digital Excite
log out
Status
Setting
RF Control
TSID&PSIP
TSoIP
SYS LOG
Setting
INPUT
TS
GPS
EXT
ADPC
HOLD
ADPC_Status
OK
CONTROL
REMOTE
MODE
LEGACY
WEB TITLE
Digital Excite
SET
REMOTE-RESTART
REMOTE-RESTART
NO
SET
REMOTE-UPDATE
REMOTE-UPDATE
NO
SET
Anywave Communication
Copyright 2015
Tel:+1(847) 415 2258


File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.143/sys_rf.shtml
80%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
Digital Excite
log out
Status
Setting
RF Control
TSID&PSIP
TSoIP
SYS LOG
RF Control
POWER(+5.00~-25.00dB)
4
4
40
dB
SET
RF
ON
SET
AGC
OFF
SET
CRM
WEB
SET
Anywave Communication
Copyright 2015
Tel:+1(847) 415 2258


File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.143/sys_psip.shtml
80%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
Digital Excite
log out
Status
Setting
RF Control
TSID&PSIP
TSoIP
SYS LOG
TSID&PSIP
CTRL
DISABLE
SET
TSID
0
SET
Channel
Sht_Name
Maj_Num
Min_Num
NULL
NULL
NULL
NULL
SET
Anywave Communication
Copyright 2015
Tel:+1(847) 415 2258


File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.143/sys_ts.shtml
80%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
Digital Excite
log out
Status
Setting
RF Control
TSID&PSIP
TSoIP
SYS LOG
TSoIP
IP
0 . 0 . 0 . 0
GATEWAY
0 . 0 . 0 . 0
MASK
0 . 0 . 0 . 0
MULTICAST IP
0 . 0 . 0 . 0
PORT
0
PROTOCOL
UDP
LENGTH
188
TYPE
Multicast
FEC
DIS
DELAY
0
FEC_ROW
0
FEC_COL
0
IP_BAK
0 . 0 . 0 . 0
PORT_BAK
0
SET
Anywave Communication
Copyright 2015
Tel:+1(847) 415 2258


File Edit View History Bookmarks Tools Help
Digital Excite
MPTV
MPTV
192.168.1.143/sys_log.shtml
80%
Search
Most Visited
Getting Started
Dolibarr
AW-Wordpress
FedEx
AliMail
FCCInfo
RabbitEars.Info
GPS
FCC Antenna
Digital Excite
log out
Status
Setting
RF Control
TSID&PSIP
TSoIP
SYS LOG
SYS_LOG
TOTAL NUMBER 8
Index 1 Type POWER ON Time 2014/05/11 12:18:27
Index 2 Type POWER OFF Time 2014/05/11 12:17:53
Index 3 Type POWER ON Time 2014/05/11 09:08:58
Index 4 Type POWER OFF Time 2014/05/10 17:49:09
Index 5 Type POWER ON Time 2014/05/10 16:37:23
Pre
Next
Anywave Communication
Copyright 2015
Tel:+1(847) 415 2258

Anywave Communication Technologies Inc.
300 Knightsbridge Parkway, Suite 150, Lincolnshire, IL 60069
Tel: (847) 415-2258
Fax: (847) 415-2112
Email: sales_us@anywavecom.com
http://www.anywavecom.net/